# **ANNUAL REPORT 2012-13**

# **KVK, KATIHAR**

### 1. GENERAL INFORMATION ABOUT THE KVK

1.1. Name and address of KVK with phone, fax and e-mail

| Address                       | Telephone      |                | E mail                     |
|-------------------------------|----------------|----------------|----------------------------|
| Krishi Vigyan Kendra, Katihar | (06452) 246875 | (06452) 246875 | pckvkkatihar@redifmail.com |

1.2 . Name and address of host organization with phone, fax and e-mail

|   | 9            |              |                       |
|---|--------------|--------------|-----------------------|
| Address   | Telep        | hone         | E mail                |
| Address   | Office       | FAX          |                       |
| Bihar Agricultural University,<br>Sabour, Bhagalpur | 0641-2452606 | 0641-2452604 | vcbausabour@gmail.com |

1.3. Name of the Programme Coordinator with phone & mobile No

| Name               | Telephone / Contact    |            |                            |  |
|--------------------|------------------------|------------|----------------------------|--|
|                    | Residence Mobile Email |            |                            |  |
| Dr. Sunita Kushwah |                        | 9431417421 | pckvkkatihar@redifmail.com |  |

- 1.4. Year of sanction of KVK: 2004
- 1.5. Staff Position (as on 1<sup>st</sup> April, 2013)

| SI.<br>No. | Sanctioned post                | Name of the incumbent     | Designation                                 | Discipline             | Pay<br>Scale with<br>present basic | Date of joining | Permanent<br>/Temporary | Category<br>(SC/ST/<br>OBC/<br>Others) |
|------------|--------------------------------|---------------------------|---|------------------------|------------------------------------|-----------------|-------------------------|--|
| 1          | Programme<br>Coordinator       | Dr. Sunita<br>Kushwah     | I/C, Programme<br>Coordinator               | Horticulture           | 156000-39000                       | 13.08.07        | Permanent               | Others                                 |
| 2          | Subject Matter<br>Specialist   | Smt. Basanti<br>Kumari    | SMS(H.Sc.)                                  | Home<br>Science        | 156000-39000                       | 20.11.07        | Permanent               | SC                                     |
| 3          | Subject Matter<br>Specialist   | Dr. Sushil<br>Kumar Singh | SMS<br>( Agronomy)                          | Agronomy               | 156000-39000                       | 15.06.09        | Permanent               | OBC                                    |
| 4          | Subject Matter<br>Specialist   | Pankaj kumar              | SMS (Extn.Edn.)                             | Extension<br>Education | 156000-39000                       | 16.11.09        | Permanent               | OBC                                    |
| 5          | Subject Matter<br>Specialist   | Dr. Rama kant<br>Singh    | SMS (Soil<br>Science)                       | Soil Science           | 156000-39000                       | 16.04.12        | Permanent               | GEN                                    |
| 6          | Programme<br>Assistant         | Swarn Prabha<br>Reddy     | Programme<br>Assistant (Lab<br>Technician ) | Agriculture            | 9300-34800                         | 30.10.12        | Permanent               | ОВС                                    |
| 7          | Computer<br>Programmer         |                           |   |                        |                                    |                 |                         |  |
| 8          | Farm Manager                   | Om Prakash<br>Bharati     | Farm Manager                                | Agriculture            | 9300-34800                         | 05.11.12        | Permanent               | OBC                                    |
| 9          | Accountant /<br>Superintendent | Mukesh Kumar              | Assistant                                   | MBA<br>Finance         | 9300-34800                         | 09.04.13        | Permanent               | EBC                                    |
| 10         | Stenographer                   |                           |   |                        |                                    |                 |                         |  |
| 11         | Driver                         | Dharmendra<br>Kumar       | Jeep (Driver)                               |                        | 5400                               | 11.04.05        | Contractual             | GEN                                    |
| 12         | Driver                         |                           |   |                        |                                    |                 |                         |  |
| 13         | Supporting staff               | Arun Kr.<br>Mandal        | Peon  |                        | 4200                               | 01.07.05        | Contractual             | ST                                     |
| 14         | Supporting staff               |                           |   |                        |                                    |                 |                         |  |

# 1.6. Total land with KVK (in ha): 20ha

| S. No. | Item                  | Area (ha) |
|--------|-----------------------|-----------|
| 1      | Under Buildings       | 2.00      |
| 2.     | Under Crops           | 6.00      |
| 3.     | Orchard/Agro-forestry | 5.00      |
| 4.     | Others                | 7.00      |

# 1.7. Infrastructure Development:

# A) Buildings

| S.  | Name of building | Not yet | Completed    | Completed    | Completed  | Totally   | Plinth | Source  |
|-----|------------------|---------|--------------|--------------|------------|-----------|--------|---------|
| No. |                  | started | up to plinth | up to lintel | up to roof | completed | area   | of      |
|     |                  |         | level        | level        | level      |           | (Sq.m) | funding |
| 1.  | Administrative   |         |              |              |            |           |        |         |
|     | Building         |         |              |              |            |           |        |         |
| 2.  | Farmers Hostel   |         |              |              |            | ✓         |        | ICAR    |
| 3.  | Staff Quarters   |         |              |              | ✓          |           |        | ICAR    |
|     | (6)              |         |              |              |            |           |        |         |
| 4.  | Demonstration    |         |              |              |            | ✓         |        | ICAR    |
|     | Units (2)        |         |              |              |            |           |        |         |
| 5   | Fencing          |         |              |              |            |           |        | ICAR    |
| 6   | Rain Water       |         |              |              |            |           |        | ICAR    |
|     | harvesting       |         |              |              |            |           |        |         |
|     | structure        |         |              |              |            |           |        |         |
| 7   | Threshing floor  |         |              |              |            | ✓         |        | ICAR    |
| 8   | Farm godown      |         |              |              |            | ✓         |        | ICAR    |
| 9.  | Others           |         |              |              |            |           |        |         |

## B) Vehicles

| Type of vehicle | Year of purchase | Cost (Rs.) | Total kms. Run | Present status |
|-----------------|------------------|------------|----------------|----------------|
| Bolero Jeep     | 2005             | 4.65       |                | Good           |
| Tractor M.F     | 2005             | 5.00       |                | Good           |
|                 |                  |            |                |                |

# C) Equipment & AV aids

| Name of equipment          | Year of purchase | Cost (Rs.) | Present status |
|----------------------------|------------------|------------|----------------|
| Xerox Machine Canon        | 2006             | 1,00,000   | Good           |
| Camera (Digital)           | 2007             | 15,000     | Good           |
| TV with DVD                | 2007             | 15,000     | Good           |
| Generator Set              | 2009             | 49,500     | Good           |
| Computer with Accessories  | 2008             | 50000      | Good           |
| Digital Weighing machine   | 2011             | 19500      | Good           |
| PA System                  | 2011             | 24679      | Good           |
| Projector with Accessories | 2011             | 99800      | Good           |

# D) Farm Implements

| Name of equipment                   | Year of purchase | Cost (Rs.) | Present<br>Status | Source<br>Of fund |
|-------------------------------------|------------------|------------|-------------------|-------------------|
| Power reaper Tractor operator       | 2012             | 79500      | Good              | ICAR              |
| Cultivator 9 tine                   | 2012             | 17500      | Good              | ICAR              |
| Power Sprayer                       | 2012             | 9500       | Good              | ICAR              |
| Disc Harrow 12 disc                 | 2012             | 38500      | Good              | ICAR              |
| Tractor operated Winnower           | 2012             | 14500      | Good              | ICAR              |
| Power chain sow                     | 2012             | 38500      | Good              | ICAR              |
| Thresher ( Multi crop)              | 2012             | 87500      | Good              | ICAR              |
| Rotavator                           | 2012             | 87840      | Good              | ICAR              |
| Disc plough 2 disc                  | 2012             | 20500      | Good              | ICAR              |
| Land leveler                        | 2011             | 9000       | Good              | RF                |
| Hand winover                        | 2011             | 4000       | Good              | RF                |
| Mobile Seed processing plant        | 2011             | 970000     | Good              | RKVY              |
| Tractor drawn reaper                | 2011             | 57000      | Good              | RKVY              |
| Zero till seed cum fertilizer drill | 2011             | 39480      | Good              | RKVY              |

# 1.8. A). Details SAC meeting\* conducted in the year

| Sl.No. | Date       | Number of<br>Participants | Salient Recommendations   | Action taken   | If not conducted, state reason |
|--------|------------|---------------------------|---|--|--------------------------------|
| 1      | 22.06.2012 | 33                        | <ol> <li>All the activity should be conducted in the adopted village</li> <li>PRA should be preprad by Krishi Vigyan Kendra for the adopted village</li> <li>The Blocks away from the district head quarter must covered by the center</li> <li>Mushroom production should be start.</li> <li>Development of nursery should be initiated.</li> <li>Worked on jute, makhana crops, aromatic &amp; medicinal plants</li> <li>Krishi Vigyan Kendra also use resource person farmers</li> <li>No repetition of farmer in exposure visit organized by Krishi Vigyan Kendra.</li> </ol> | <ol> <li>Work is going on as par the recommendation s.</li> <li>PRA conducted</li> <li>All the blocks         Covered through kishan Choupal mostly farthest blocks kishan choupal schedule attach</li> <li>Mushroom unit established and mushroom production started</li> <li>Development of nursery is initiated and production started.</li> <li>Mostly FLD initiated in jute and makhana</li> <li>Krishi Vigyan using resource person.</li> <li>Attention taken about exposure visit of organized by KVK, Katihar</li> </ol> |                                |

### 2. DETAILS OF DISTRICT (2012-13)

2.1 Major farming systems/enterprises (based on the analysis made by the KVK)

| z. i iviajoi ia | ming by demogration prices (based on the analysis made by the rever) |
|-----------------|--|
| S. No           | Farming system/enterprise  |
| 1.              | Paddy-Wheat based farming system                                     |
| 2.              | Paddy-Maize based farming system                                     |
| 3.              | Paddy- Rai- Boropaddy based farming system                           |
| 4.              | Fish Culture   |
| 5.              | Bamboo Production & Processing                                       |
| 6.              | Mushroom Production  |
| 7.              | Makhana Cultivation and primary processing                           |
| 8.              | Poultry production   |
| 9.              | Vermi Compost production   |

### 2.2 Description of Agro-climatic Zone & major agro ecological situations (based on soil and topography)

| S. No | Agro-climatic Zone                    | Characteristics                      |
|-------|---------------------------------------|--------------------------------------|
| 1.    | Zone-II (North – East Alluvial Plain) | High Temperature High Humidity Sandy |
|       |                                       | to clay soil, Flood prone            |

| S. No | Agro ecological situation  | Characteristics   |
|-------|--|---|
| 1.    | Up land sandy soil   | Suitablefor maize, wheat, Banana, Vegetables & fruits   |
| 2.    | Medium Sandy loam soil   | Wheat, Maize, Jute, Rice, Oil seeds & pulses & vegetable & fruits cultivation                               |
| 3.    | Low lying clay soil with flood & water lodging condition         | Suitable for deep water & Boro paddy,<br>Makhana & Para Pulses  |
| 4.    | Diara land of Kosi, Ganga and Mahananda with sandy to loamy soil | Rabi Maize, wheat oil seeds pulses & cucurbitaceous vegetable including parwal Flooded during Kharif Season |

Source: - ATMA SREP

2.3 Soil type/s

| S. No | Soil type                    | Characteristics                                       | Area in ha |
|-------|------------------------------|---|------------|
| 1     | Up land sandy soil           | Suitable for vegetables wheat, maize, Banana          |            |
| 2     | Medium Loamy Soil            | Well drained rich in organic carbon suited for wheat, |            |
|       | -                            | Maize, oil seeds and pulses & vegetables              |            |
| 3     | Low lying clay soils         | Suitable for makhana Boro Rice, fishery etc           |            |
| 4     | New alluvial diara land soil | Deposition of clay soil year after year good for rabi |            |
|       |                              | crops.  |            |

2.4. Area, Production and Productivity of major crops cultivated in the district

| S. No | Crop        | Area (ha) | Production (q) | Productivity (q/ha) |
|-------|-------------|-----------|----------------|---------------------|
| 1     | Paddy       |           |                |                     |
| 2     | Maize(rabi) |           |                |                     |
| 3     | Wheat       |           |                |                     |
| 4     | Arhar       |           |                |                     |
| 5     | Lentil      |           |                |                     |
| 6     | Urd         |           |                |                     |
| 7     | Moong       |           |                |                     |
| 8     | Mustard     |           |                |                     |
| 9     | Boro rice   |           |                |                     |

### 2.5. Weather data

| Month          | Rainfall (mm) | Temp    | erature <sup>0</sup> C | Relative Humidity (%) |
|----------------|---------------|---------|------------------------|-----------------------|
|                |               | Maximum | Minimum                |                       |
| April ,2012    | 48.60         |         |                        |                       |
| May,2012       | 21.78         |         |                        |                       |
| June ,2012     | 110.88        |         |                        |                       |
| July ,2012     | 318.26        |         |                        |                       |
| August,2012    | 117.75        |         |                        |                       |
| September,2012 | 195.58        |         |                        |                       |
| October ,2012  | 94.24         |         |                        |                       |
| November,2012  | 00            |         |                        |                       |
| December,2012  | 00            |         |                        |                       |
| January,2013   | 00            |         |                        |                       |
| February,2013  | 10.62         |         |                        |                       |
| March,2013     | 00            |         |                        |                       |
| `Total         | 917.71        |         |                        |                       |

Source: - D.A.O Statistics and AWS

# 2.6. Production and productivity of livestock, poultry, fisheries etc. in the district

| Category          | Population | Production | Productivity |
|-------------------|------------|------------|--------------|
| Cattle            |            | ·          |              |
| Crossbred         | 26496      |            |              |
| Indigenous        | 529273     |            |              |
| Buffalo           | 99477      |            |              |
| Sheep             | ·          | ·          |              |
| Crossbred         | 22         |            |              |
| Indigenous        | 9097       |            |              |
| Goats             | 601767     |            |              |
| Pigs              |            |            |              |
| Crossbred         | 760        |            |              |
| Indigenous        | 22695      |            |              |
| Rabbits           |            |            |              |
| Poultry           | ·          | ·          |              |
| Hen               | 772015     |            |              |
| Desi              |            |            |              |
| Improved          |            |            |              |
| Duck              | 14122      |            |              |
| Turkey and others | 2946       |            |              |
| Category          | Area       | Production | Productivity |
| Fish              |            |            |              |
| Marine            |            |            |              |
| Inland            |            |            |              |
| Prawn             |            |            |              |
| Scampi            |            |            |              |
| Shrimp            |            |            |              |

# 2.6 Details of operational area / villages (2012-13)

| SI.No. | Taluk   | Name of the block | Name of the village | Major crops<br>&<br>enterprises   | Major problem identified                                     | Identified Thrust Areas   |
|--------|---------|-------------------|---------------------|---|--|---|
|        |         | Katihar           | Bathna<br>Chilmara  | Vegetable<br>Banana<br>Boro<br>Paddy,<br>Oil Seeds<br>Maize             | Lack of high yielding variety, pest & diseases control       | Introduction of high<br>yielding varieties of<br>ground crops     |
|        | Katihar | Mansahi           | Bishanpur           | Banana<br>Jute,<br>Makhana,<br>Wheat,<br>Paddy,<br>Maize,<br>Vegetables | INM & IPM lacking  | Introduction of high<br>yielding varieties of<br>ground crops     |
|        |         | Kadwa             | Sonauli             | Pulses, Vegetables, Paddy, Maize, Jute, Boro Paddy                      | INM & IPM lacking  | Introduction of newly released jute varieties                     |
|        |         | Barari            | Sakraily            | Banana,<br>Maize,<br>Pulses,<br>Paddy,<br>Wheat,<br>Vegetables          | Lack of high yielding<br>variety, pest &<br>diseases control | Introduction of newly<br>released varieties of<br>different crops |

## 2.7 Priority thrust areas

| S. No | Thrust area  |
|-------|--|
| 1     | Soil test based nutrition management in crop plants of the district                      |
| 2     | Development of Suitable cropping system for diara ,tal and alkaline land of the district |
| 3     | Implementation of women programmes in relation to food, nutrition and drudgery           |

# 3. TECHNICAL ACHIEVEMENTS

# A. Details of target and achievement of mandatory activities by KVK during 2012-13

|        | OFT         |        |               |                     | FLD         |        |                   |  |
|--------|-------------|--------|---------------|---------------------|-------------|--------|-------------------|--|
| 1      |             |        |               | 2                   |             |        |                   |  |
| Num    | ber of OFTs | Numbe  | er of farmers | ners Number of FLDs |             |        | Number of farmers |  |
| Target | Achievement | Target | Achievement   | Target              | Achievement | Target | Achievement       |  |
| 8      | 8           | 98     | 96            | 17                  | 22          | 135    | 218               |  |
|        |             |        |               |                     |             |        |                   |  |
|        |             |        |               |                     |             |        |                   |  |
|        |             |        |               |                     |             |        |                   |  |

|        | Training                                 |        |                   |       | Extension activities |        |                        |  |
|--------|--|--------|-------------------|-------|----------------------|--------|------------------------|--|
|        | 3  |        |                   |       | 4                    |        |                        |  |
| Numbe  | Number of Courses Number of Participants |        |                   | Numbe | r of activities      | Number | Number of participants |  |
| Target | Achievement                              | Target | arget Achievement |       | Achievement          | Target | Achievement            |  |
| 381    | 387                                      | 3126   | 3196              |       |                      |        |                        |  |
|        |  |        |                   |       |                      |        |                        |  |
|        |  |        |                   |       |                      |        |                        |  |
|        |  |        |                   |       |                      |        |                        |  |

### Seed production

|        |                 | Planting material (Nos.) |             |  |
|--------|-----------------|--------------------------|-------------|--|
|        | 5               |                          | 6           |  |
| Target | Achievement (q) | Target                   | Achievement |  |
| Wheat  | 65.17           | 2000                     | 2000        |  |
| Paddy  | 66.90           |                          |             |  |
| Til    | 3 .00           |                          |             |  |
| Moong  | 1 .00           |                          |             |  |
| Arhar  | 7.45            |                          |             |  |
| Tori   | 3 .00           |                          |             |  |

#### 3.1 Achievements on technologies assessed and refined

#### A. Details of each On Farm Trial to be furnished in the following format

### (Horticulture)

**Title of OFT:** To assess the technological option by utilizing vermicompost in cauliflower in terms of yield performance.

**Problem definition:** Cauliflower is the most important vegetable of Katihar district. The farmers generally applied cow dung & chemical fertilizers as nutrients. But the yield of cauliflower is low inspite of application of cow dung & chemical fertilizers.

#### Technology assessed:

TO.1 = Farmers practices 15 cart loud cow dung + (N:  $p_2O_5$ :  $K_2O$ : 140:80:40)/ha

TO.2 = Vermicompost + @ 3 tonnes/ha +  $\frac{1}{2}$  RDF (N:  $p_2O_5$ :  $K_2O$ : 120:60:60)

TO.3 = Vermicompost + @1.5 ton/ha +  $\frac{3}{4}$  RDF(N:  $p_2O_5$ :  $K_2O$ : 120:60:60)

Source of technology: - BCKV, West Bengal, Kalyani

**Replication**: - 10 Farmers.

Plot size: - 0.10 ha

**Duration of trial: -** 6 months

#### **Performance Indicators:**

| Fertilizers doses  | Curd quality                     | Yield (q/ha) | Net Return<br>Rs./h | BC ratio |
|--|----------------------------------|--------------|---------------------|----------|
| 1. Farmers practice 15 cant load cow dung + (N: P <sub>2</sub> O <sub>5</sub> : K <sub>2</sub> O: 140:80:40)/ha      | Yellowish, white                 | 295          | 70000/-             | 1.9:1    |
| 2. Vermicompost @ 3t/ha +1/2 recommended dose (N : P <sub>2</sub> O <sub>5</sub> : K <sub>2</sub> O : :120 : 60:60 ) | Yellowish,<br>loose and<br>small | 275.50       | 42000/-             | 2.4:1    |
| 3. Vermicompost @ 1.5 t/ha + <sup>3</sup> / <sub>4</sub> recommended dose ( N : P <sub>2</sub> O                     | Whitish, compact,                | 330          | 38000               | 2.7:1    |

#### **Economic Indicators:**

| Treatments | Cost<br>Cultivation<br>(Rs) | _ | Gross Income<br>(Rs) | Net Return<br>(Rs) | BC Ratio |  |
|------------|-----------------------------|---|----------------------|--------------------|----------|--|
| TO-1       | 48000/-                     |   | 90000/-              | 42000/-            | 1.9:1    |  |
| TO-2       | 50000/-                     |   | 120000/-             | 70000/-            | 2.4:1    |  |
| TO-3       | 52000/-                     |   | 140000/-             | 88000/-            | 2.7:1    |  |

#### **Farmers Reactions:**

1. Adoption of technology by different group of farmers -

Vermicompost is beneficial for the crop health and field also. They are ready to start the vermicompost in the field.

#### 2. Comparison with prevent technology:

Effect of vermicompost is better as comparison to the prevalent technology small volume of vermicompost is easily to handle.

3. Risk involved: Nil

#### 4. Any attentive suggestions from the farmers:

Cattle rearing is a problem now a days due to lack to manpower so for vermin compost production cow dung availability is a problem of vermin compost commercially produces is availability at low cost than they will get benefited through it.

Suggestions for refinement: No.

#### (Horticulture)

Title of OFT: Assessment of open pollinated variety of brinjal for higher production.

**Problem definition:** In Katihar district brinjal is cultivated commercially on large scale. Farmers planted brinjal in rainy season for the vegetable purpose. But low yield with insect pest & disease is a major problem. Farmers needed high yielding wilt tolerant brinjal variety for the production. Hence, this trial has proposed to increase the yield by the brinjal and desire the disease and insect pest.

#### Technology assessed:

TO-1= Farmers Practice (Bangal brinjal local)
TO-2= Improved open pollinated variety BR-14

Source of technology: IIVR, Varanashi

**Replication**: - 10 Farmers.

**Plot size: -** 0.10 ha

**Duration of trial: -** 6 months

#### **Performance Indicators:**

| Technological option                         | Disease Severity % ( wilting problem ) No. of disease plant/ 100 Plants | Borer<br>Infestation | % increase in yield over control | Yield (<br>q/ha) |
|--|---|----------------------|----------------------------------|------------------|
| TO-1 Farmers practices (Bangal Bingil local) | 25.06   | 11.2                 | -                                | 220.00           |
| TO-2 Improved open pollinated variety BR-14  | 6.2   | 1.8                  | 40.90                            | 310              |

#### **Economic Indicators:**

|      | Production | Gross Income | Yield/ha | Net Income/ return | BC Ratio |
|------|------------|--------------|----------|--------------------|----------|
|      | Cost       |              |          |                    |          |
| TO-1 | 50000/-    | 89580/-      | 220/-    | 39588/-            | 1.8:1    |
| TO-2 | 45000/-    | 138020/-     | 310/-    | 93020/-            | 3.06:1   |

#### **Farmers reaction**

#### Adaption of technology by different group of farmers:

Impact of OFT was outstanding this year (2012-13) most of the farmers going to IIVR, Varanasi to colled the seed for production. They also demanded seed.

#### Comparison with prevalent Technology:

Previously farmer's were growing locally West Bangal produced of brinjal. Major problem was disease incidence and low yield. Farmers were taking that brinjal variety due to attractive dark purple

colour and fruit but they were not satisfied because they have no option of this variety. So we conducted trial to this brinjal.

Because colour of this variety was dark urple Fruit size – 9.5 cm (width) Fruit shape – round to oblong Fruit weight – 325 g- 350g. Fruit length – 13.5 cm

So the variety was superior in all the respect from the prevalent variety in terms of morphological characters.

Disease incidence % of ( wilt ) was very less in BR-14 and the existing variety was highly susceptible found in the trial. ( 25.6 %)

Borer Infestation: Was also reported very low in BR-14 But in existing variety its infestation was high i.e (11.2%) over all variety is good and considerable.

Risk Involved: Nil (as per the farmers)

Any alternative suggestation from the farmers seed availability at district level.

#### Feed Back:

Research:

To develop wilt tolerant / resist variety or develop POP for the wilt control.

Extension:

Seed availability is a problem. proper information about the variety is also a problem.

Suggestions for refinement:

Wilt & borer both are serious problem in the brinjal. iF package of ( Pesticides module ) is available for the control than it would be bether for the farmers.

# **OFT- (Agronomy)**

Title: To assess the performance of fine/aromatic rice variety under irrigated medium land condition.

Problem Identified: In Katihar district farmers are not cultivating fine/aromatic rice commercially due to unavailability of suitable variety.

Micro - Farming situation: Medium irrigated land

**Possible solution:** Assessment of most suitable variety

TO-1 = Sugandha-5

TO-2 = Ragendra suvasini

TO-3 = Pusa 1176

To-4 = Pusa 44

TO-5 = PNR381

Source of technology: IARI, New Delhi & RAU Pusa

**Replication:** 7 Farmers

Plot size: 0.10 h

**Duration of trial:** 6 month

| Treatment            | Tiller/Plant | Yield (q/ha) | Gross return | Net return | B:C ratio |
|----------------------|--------------|--------------|--------------|------------|-----------|
| Sugandha-5           | 10.5         | 34.73        | 62514/-      | 36814/-    | 2.43      |
| Ragendra<br>suvasini | 12.4         | 36.73        | 66114/-      | 40414/-    | 2.57      |
| Pusa 1176            | 9.70         | 32.43        | 58374/-      | 32674/-    | 2.27      |
| Pusa 44              | 11.2         | 38.47        | 69246/-      | 43546/-    | 2.69      |
| PNR 381              | 13.0         | 40.22        | 72576/-      | 46876/-    | 2.82      |

#### Farmer's reaction:

- 1. PNR 381 is the most fruitful for farmers ready to start scented variety cultivation .
- 2. The benefit cost ratio is better than other comperative varieties
- 3. The infestation of insects & diseases is less in PNR 381.
- 4. The Milling quality of PNR 381 is good.
- 5. There will be a urgent need to taken this variety in seed production programme

#### Feed back:

1. Farmers are satisfied with cultivation of paddy Variety PNR 381.

# **OFT- (Agronomy)**

Title: To test the performance of late sown mustard variety in Katihar district

Problem identified: Use of long duration varieties resulting in poor yield and aphid infestation

**Hypothesis Formulated :** Now on view of above problem there is need for selection and cultivation of proper variety is of prime importance

Micro-farming situation: Medium irrigated land

Possible solution to be compared: to improve the most suitable variety

Design: Randomized Block Design.

#### **Technical option (TO):**

TO-1 - local Variety

TO-2 - Rajecndra Sufalam

TO-3 - RLC-1

|       |              |           |          | Result |        |               |               |       |
|-------|--------------|-----------|----------|--------|--------|---------------|---------------|-------|
|       | <b>T</b>     | NI C      | No. of   | No of  | Mr. Li | 6             | Not           | D. C  |
|       | Tecnological | Name of   | branched | Pods   | Yield  | Gross         | Net           | B:C   |
| S.No. | option       | seed      | plant    | plants | (q/ha) | return(Rs/ha) | return(Rs/ha) | Ratio |
|       |              | Local     |          |        |        |               |               |       |
| 1     | To-1         | Variety   | 8        | 198    | 8.36   | 4600          | 650           | 1.16  |
| 2     | TO-2         | r. Suflam | 14       | 272    | 11.5   | 6325          | 2375          | 1.6   |
| 3     | TO-3         | RLC-1     | 17       | 278    | 12.74  | 7000          | 3050          | 1.77  |

RLC-1 is found to be most suitables as it abtained higher gross return (Rs 7000/ha) and B:C ratio (1.77).

### **OFT- (Home Science)**

Title: Dehydration of cauliflower.

Problem: Unscientific preservation of cauliflower then resulting in poor quality and small shelf use. Hypothesis formulated: Cauliflower is the most important vegetable of Katihar district. As farmer has vest cauliflower almost at a same time, it create market glut leading to low market price. As a part of preservation of this vegetable the farm women cut cauliflower into pieces, wash thoroughly and dry in sun rays for 5 to 6 days and keep it in the air tight container. The cauliflower through this methods it preserved in very short time. They wanted the perfect remedy to over come this problem. There is an urgent need to the farmers to know about the preservative like potassium meta bisulphate to improve the quality and increase shelf life.

**Possible solution to be compared :** To improve the quality, increase shelf life by use of recommended preservative PMS & dry in sun rays.

Design: RBD

#### Technology option:

 $T_1$ : Washed + Cut into pieces + dried in sun light (farmer practice).  $T_2$ : Washed + slice evenly + treated with KMS + dried in sun rays.

T<sub>3</sub> : Washed + sliced evenly + Blanched + dried in sun rays.

T<sub>4</sub> : Washed + sliced evenly + Blanched 3-4 minutes + treated in KMS +

dried in sun rays.

Source of technology: RAU Pusa

**Replication of farmer:** 10 farmer

Cost of intervention: 1000/Farmer

**Total Cost** : 10,000/-

Result: Result of trials is given below-

| Management practice                | Weight | Dry    | Colour     | Flavor   | Keeping                                       |
|------------------------------------|--------|--------|------------|----------|---|
|                                    | Raw    | Weight | Produce    |          | quality                                       |
| Washed + cut into pieces + sun dry | 5 kg   | 375 g  | Dark Brown | Pungency | On long storage deteriorate with mouldy smell |

| 2. | Washed + slice evenly +    | 5 kg | 360 g | Brown       | Sulpher   | On           | long  |
|----|----------------------------|------|-------|-------------|-----------|--------------|-------|
|    | treated with KMS + dry in  |      |       |             | flavor    | storage      |       |
|    | sun rays                   |      |       |             |           | deteriorate  | Э     |
|    |                            |      |       |             |           | their qualit | ty    |
| 3. | Washed + slice evenly +    | 5 kg | 365 g | Light Brown | No flavor | Deteriorat   | е     |
|    | blanched + dry in sun rays |      |       |             |           | colour       | &     |
|    |                            |      |       |             |           | quality      |       |
| 4. | Washed + slice evenly +    | 5 kg | 350g  | Light White | No flavor | Even         | long  |
|    | Blanched + treated with    |      |       |             |           | storage      |       |
|    | KMS + dry in sun ray       |      |       |             |           | remained     | &     |
|    |                            |      |       |             |           | maintain c   | olour |

#### Farmer reaction:

- 1. Adoption of technology by different farmers. i.e. adopted by farmers.
- 2. Better practice from prevalent practice
- 3. No risk
- 4. Farmers are satisfied

**Feed back:** Farmers are very interested and adopt this technology.

#### **OFT- (Home Science)**

Title: Dehydration of different method and assessment of shelf like of potato chips.

Problem: Unscientific chips preparation resulting in poor quality and small shelf life.

**Hypothesis**: Potato is cultivated as a large area by farmer field and their availability through out year. As a part of preservation of potato, the farm women cut into circular pieces and boiled then thoroughly dry in sun rays for 6-7 hours. After dried it keep in the air tight contains/ the potato chip through this method get small shelf life and undesirable smell after some time. But scientifically preparation of potato chips, it get fresh & long time storage without deteriorate quality.

**Possible solution to be compared :** To improve the quality & increase shelf life by use of recommended preservation PMS & dry in sun ray.

Design: RBD

#### Technology option:

TO<sub>1</sub>: Washed + cut circular into pieces + washed + dry in sun rays.

TO<sub>2</sub>: Washed + cut circular slice evenly + blanched 3-4 minutes + dry in sun rays.

TO<sub>3</sub>: Washed + cut circular slice evenly + blanched 3-4 minutes + treated with KMS + dried sun rays.

TO<sub>4</sub>: Washed + cut circular slice + treated with KMS + dried in sun rays.

Source of technology: RAU Pusa

**Replication:** 10 farmers

Cost of intervention: 1000/-

Result: Result of trials is given below-

| Management practice   | Weight  | Dry        | Colour     | Flavor            | Keeping                              |
|---|---------|------------|------------|-------------------|--------------------------------------|
|   | Raw(BT) | Weight(AT) | Produce    |                   | quality                              |
| Washed + cut circular pieces + washed +dry in sun ray         | 2 kg    | 340 g      | Dark Brown | No flavor         | Deteriorated quality after long time |
| 2. Washed + cut circular slice<br>+ treated with KMS + dry in | 2 kg    | 320 g      | Dark Brown | Sulpher<br>flavor | On long storage                      |

|    | sun rays                     |      |       |             |           | deteriorate   |      |
|----|------------------------------|------|-------|-------------|-----------|---------------|------|
|    |                              |      |       |             |           | their quality |      |
| 3. | Washed + cut circular slice  | 2 kg | 310 g | Light Brown | No flavor | Deteriorate   |      |
|    | + blanched + dry in sun      |      |       |             |           | colour        | &    |
|    | rays                         |      |       |             |           | quality       |      |
| 4. | Washed + cut circular slice/ | 2 kg | 310 g | Off white   | No flavor | On lo         | ong  |
|    | pieces evenly + Blanched     |      |       |             |           | storage rem   | nain |
|    | 3-4 minutes + treated with   |      |       |             |           | white colou   | r &  |
|    | KMS + dry in sun ray         |      |       |             |           | maintain      |      |
|    |                              |      |       |             |           | quality       |      |

#### Farmers reaction:

- i. Adopted by farmers
- ii. Better practice from prevalent practice
- iii. No risk
- iv. Farmers are satisfied.

Feed back: Farmers are satisfied and interested in adoption.

### **OFT- (Soil Science)**

**Title:** To assess the technological option by utilizing biofertilizer (azotobactor and PSB) in hybrid paddy in terms of yield performance for Katihar district

**Problem definition:** Hybrid rice is most important cereal crop for farmers due to it's highly yield performance. The farmers are aware how we take better result of hybrid rice with biofertilizer. They are applying biofertilizers for cultivation of hybrid rice.

Micro-farming situation: Medium irrigated land

**Possible solution to be compared:** to improve yield performance of hybrid paddy by the use of recommended doses of fertilizers with bio-fertilizer i.e. azotobactor and PSB.

Design: Randomized block design.

#### **Technical option (TO)**

TO-1= Farmers Practice (100kg N/ha through urea and DAP, 40 kg  $P_2O_5$  through DAP and 20 kg  $K_2O$  through Mureat of Potas )

TO-2= 150kg N/ha through urea and DAP, 60 kg  $P_2O_5$  through DAP and 40 kg  $K_2O$  through Mureat of Potas ) Azotobactor @ 4kg ha<sup>-1</sup>

TO-3= 150kg N/ha through urea and DAP, 60 kg  $P_2O_5$  through DAP and 40 kg  $K_2O$  through Mureat of Potas ) Azotobactor + PSB @ 5kg ha<sup>-1</sup>

Source of technology: BAU Sabour

**Replication**: 10 Farmers.

Plot size: 0.10 ha

**Duration of trial:** 6 months

| Treat<br>ments | Plan<br>(cm)      | t Heigh               | nt                 | No of<br>Tillers | /hill                 | Productiv<br>e tillers/<br>seq mt. | Weight<br>(1000<br>gm) | Panicl<br>e<br>weight<br>(g) | Filled<br>grain<br>(per<br>Panicle) | Grain<br>yield<br>(Qt/ha) | Straw<br>yield<br>(qt/ha) | Gross<br>income<br>(Rs/ha) | Cost of<br>Cultivation<br>(Rs./ha) | Net<br>Return<br>(Rs/ha) | BC<br>ratio |
|----------------|-------------------|-----------------------|--------------------|------------------|-----------------------|------------------------------------|------------------------|------------------------------|-------------------------------------|---------------------------|---------------------------|----------------------------|------------------------------------|--------------------------|-------------|
|                | Till<br>eri<br>ng | Flo<br>we<br>rin<br>g | Har<br>vest<br>ing | Tille<br>ring    | Flo<br>we<br>rin<br>g |                                    |                        |                              |                                     |                           |                           |                            |                                    |                          |             |
| TO-1           | 45                | 92                    | 101                | 10               | 12                    | 415                                | 21.46                  | 2.43                         | 124                                 | 58                        | 83                        | 54615                      | 16512                              | 38103                    | 3.31        |
| TO-2           | 47                | 93                    | 104                | 12               | 14                    | 512                                | 23.59                  | 3.16                         | 138                                 | 63                        | 87                        | 56316                      | 16805                              | 39511                    | 3.35        |
| TO-3           | 48                | 97                    | 106                | 13               | 15                    | 565                                | 24.50                  | 3.58                         | 140                                 | 65                        | 88                        | 58510                      | 17118                              | 41392                    | 3.41        |

#### Farmers reaction:

- i. Adoption of technology by different group of farmers: Farmers are interested to adopt this technology
- ii. Comparison with prevalent practices: Findings of these technologies proved that azotobactor and psb is helpful to increase the productivity of hybrid paddy.
- iii. Risk involved: Farmers awareness about the use of azotobactor and psb
- iv. Any alternative suggestion from the farmers: Easy Availability of azotobactor and psb

Feedback: To research/extension/ policy planning about the performance of the technology.

- i. If do not satisfy the reason for it: Satisfied by farmers / scientist
- ii. Suggestions for refinement if any.

### **OFT-(Soil Science)**

**Title:** To assess the technological option by utilizing split doses of nitrogen on performance of wheat production for Katihar district.

**Problem identified:** Wheat is an important cereal crop of Koshi region especially Katihar district but due to the lack of awareness among the farmers about nutrient management practices, which resulting in low yield levels due to imbalance and inadequate application of fertilizer levels. Hence there is a need for conducting experiment with different timing of nitrogen application to improve nitrogen use efficiency. Therefore to improve uptake and to obtain response at higher levels of nitrogen application there is need to assess the technological option of utilizing split doses of nitrogen on performance of wheat production for Katihar district.

Micro-farming situation: Medium irrigated land

**Possible solution to be compared:** to improve yield performance of wheat by the use of recommended doses of fertilizers especially the use of nitrogen at different stages.

Design:- Randomized block design.

### **Technical option (TO)**

TO-1= Farmers Practice

(i) 60kg N/ha through urea,

60 kg P<sub>2</sub>O<sub>5</sub> through SSP and

40 kg K<sub>2</sub>O through Murate of Potash) as basal dose

(ii) 60 kg N/ha after first Irrigation

TO-2= (i) 75kg N/ha through urea,

60 kg P<sub>2</sub>O<sub>5</sub> through SSP and

40 kg K<sub>2</sub>O through Murate of Potash) as basal dose

(ii) 40 kg N/ha after first Irrigation (CRI Stage)

(iii) 35 kg N/ha after Second Irrigation (Tillering Stage)

TO-3= (i) 75kg N/ha through urea,

60 kg P<sub>2</sub>O<sub>5</sub> through SSP and

40 kg K<sub>2</sub>O through Murate of Potash) as basal dose

- (ii) 25 kg N/ha after first Irrigation (CRI Stage)
- (iii) 25 kg N/ha after Second Irrigation (Tillering Stage)
- (iv) 25 kg N/ha after Third Irrigation (Jointing Stage)

### TO-4= (i) 75kg N/ha through urea,

- 60 kg P<sub>2</sub>O<sub>5</sub> through SSP and
- 40 kg K<sub>2</sub>O through Murate of Potash) as basal dose
  (ii) 20 kg N/ha after first Irrigation
  (iii) 20 kg N/ha after Second Irrigation

- (iv) 20 kg N/ha after third Irrigation (Jointing Stage)
- (iv) 15 kg N/ha after fourth Irrigation (Panicle Initiation Stage)

#### Performance Indicator:

| Treat<br>ment | Plant<br>height<br>(cm) | No. of tiller | no. of<br>bearing<br>tiller | no. of non<br>bearing<br>tillers | No. of<br>Grain/spick | 1000<br>seed<br>weight | seed<br>yield<br>(q/ha) | Straw<br>Yield<br>(qt/ha) |
|---------------|-------------------------|---------------|-----------------------------|----------------------------------|-----------------------|------------------------|-------------------------|---------------------------|
| T1            | 90                      | 11            | 8                           | 2                                | 40.13                 | 41.72                  | 33.48                   | 52.23                     |
| T2            | 97                      | 13            | 10                          | 3                                | 42.97                 | 43.89                  | 47.15                   | 68.48                     |
| T3            | 92                      | 11            | 9                           | 2                                | 42.21                 | 43.11                  | 40.94                   | 55.15                     |
| T4            | 85                      | 11            | 9                           | 2                                | 41.47                 | 42.12                  | 39.30                   | 53.86                     |
|               |                         |               |                             |                                  |                       |                        |                         |                           |

#### **Economic Indicator:**

| Treat<br>ment | Toal Inc | om (Rs)  |          | cost of cultivation (rs) | BC<br>ratio |
|---------------|----------|----------|----------|--------------------------|-------------|
|               | Grain    | Straw    | Total    |                          |             |
| T1            | 36832.92 | 26117.24 | 36859.04 | 17437                    | 2.11        |
| T2            | 51863.72 | 34239.42 | 86103.13 | 17637                    | 4.88        |
| Т3            | 45036.91 | 27576.32 | 72613.23 | 17837                    | 4.07        |
| T4            | 43231.23 | 26930.56 | 70161.79 | 18037                    | 3.89        |
|               |          |          |          |                          |             |

### **OFT- (Extension Education)**

Title: To test the effect of Bio- fertilizers on the yield performance of wheat crop

Problem identified: High dose of fertilizers& Lower productivity of crops

Micro-farming situation: Medium irrigated land

Possible solution to be compared: To improve the soil and yield of wheat crop

Design: Randomized Block Design.

### **Technical option (TO)**

T<sub>1</sub> Farmers practice ( no use of biofertiliser)

T<sub>2</sub> Seed treatment with Azotobacter and PSB

T<sub>3</sub> Soil treatment wih Azotobacter and PSB

Result Awaited

### **OFT- (Extension Education)**

Title: Varietal evaluation

**Problem identified :** To Study the comparative performance of different Jute varieties

Micro-farming situation: Medium irrigated land

**Possible solution to be compared:** To improve the fibre percentage and fibre quality of jute crop.

Design: Randomized Block Design.

#### **Technical option (TO)**

T<sub>1</sub> JRO-524 (farmers practice)

T<sub>2</sub> JRO-66

T<sub>3</sub> S-19

T<sub>4</sub> JRO-128

Result Awaited

### 3.2 Achievements of Frontline Demonstrations

A.. Details of FLDs implemented during 2012-13 (Information is to be furnished in the following three tables for each category i.e. cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops.)

| SI.<br>No. | Crop                         | Thematic area           | Technology<br>Demonstrated               | Season<br>and  | Area (   | ha)    |       | of farme |       |
|------------|------------------------------|-------------------------|--|----------------|----------|--------|-------|----------|-------|
| 140.       |                              | aica                    | Demonstrated                             | year           | Proposed | Actual | SC/ST | Others   | Total |
| 1          | Arhar                        | Pulse<br>Production     | Seed (NDA-<br>1)                         | Kharif<br>2012 | 20       | 20     |       | 40       | 40    |
| 2          | Paddy                        | Crop production         | Seed ( R.<br>Bhagwati)                   | Kharif<br>2012 | 5        | 5.6    | 6     | 14       | 20    |
| 3          | Brinjal                      | Vegetable<br>Production | Seed (Hy-6, Hy-<br>9,<br>R. baigan)      | Kharif<br>2012 | 1        | 1.5    | 3     | 7        | 10    |
| 4          | Tomato                       | Vegetable<br>Production | Seed (Pusa<br>Rohini, Kashi<br>Vishwash) | Kharif<br>2012 | 1        | 1.5    | 2     | 6        | 8     |
| 5          | Palak                        | Vegetable<br>Production | Seed (Pusa<br>Anmol)                     | Kharif<br>2012 |          | 0.5    | 3     | 7        | 10    |
| 6          | Cauliflower                  | Vegetable<br>Production | Seed (PH-2)                              | Kharif<br>2012 |          | 0.5    | 2     | 8        | 10    |
| 7          | Carrot                       | Vegetable<br>Production | Seed(Pusa<br>Keshar)                     | Kharif<br>2012 |          | 0.5    | 3     | 7        | 10    |
| 8          | Radish                       | Vegetable<br>Production | Seed (Pusa<br>Chetki)                    | Kharif<br>2012 |          | 0.5    | 1     | 9        | 10    |
| 9          | Wheat                        | Crop production         | Seed (HD-<br>2733)                       | Rabi<br>2012   | 8        | 8      | 30    | 70       | 100   |
| 01         | Boro<br>Paddy<br>(Subhasini) | Crop<br>Production      | Seed<br>(subhashini)                     | Rabi<br>2012   | 2        | 2      | 1     | 4        | 5     |
| 11         | Makhana                      | Fruit<br>Production     | Seed<br>(Selection)                      | Rabi<br>2012   |          |        |       | 10       | 10    |

### **Details of farming situation**

| Crop  | Season         | Farming<br>situation<br>F/Irrigated | Soil type     |     | atus o<br>soil<br>(g/ha) |     | revious<br>crop | wing date | rvest date | easonal<br>nfall (mm) | o. of rainy<br>days |
|-------|----------------|-------------------------------------|---------------|-----|--------------------------|-----|-----------------|-----------|------------|-----------------------|---------------------|
|       |                | R 8 K                               | 0)            | N   | Р                        | K   | ш               | So        | На         | S<br>rair             | No                  |
| Paddy | Kharif<br>2012 | Irrigated                           | Sandy<br>loam | 220 | 20                       | 282 | Moong           | 20.07.12  | 26.10.12   |                       |                     |
| Wheat | Rabi           | Irrigated                           | Sandy<br>loam |     |                          |     | Paddy           | 27.11.12  | awaited    |                       |                     |

#### Performance of FLD

#### Oilseeds:

#### Frontline demonstrations on oilseed crops - NA

| Cron  | Thematic | Name of the             | No. of  | Area | Yield | (q/ha) | %        | *Econoi       | mics of demo    | nstration (F  | Rs./ha)   | *             | Economics<br>(Rs./ |               |           |
|-------|----------|-------------------------|---------|------|-------|--------|----------|---------------|-----------------|---------------|-----------|---------------|--------------------|---------------|-----------|
| Crop  | Area     | technology demonstrated | Farmers | (ha) | Demo  | Check  | Increase | Gross<br>Cost | Gross<br>Return | Net<br>Return | **<br>BCR | Gross<br>Cost | Gross<br>Return    | Net<br>Return | **<br>BCR |
|       |          |                         |         |      |       |        |          |               |                 |               |           |               |                    |               |           |
|       |          |                         |         |      |       |        |          |               |                 |               |           |               |                    |               |           |
| Total |          |                         |         |      |       |        |          |               |                 |               |           |               |                    |               |           |

<sup>\*</sup> Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

### Pulses

Frontline demonstration on pulse crops:

| Crop  | Thematic            | Name of the technology | No. of  | Area | Yield   | (q/ha)  | %        | *Eco          | nomics of (<br>(Rs./ |               | tion      | *             | Economics<br>(Rs./ | of check<br>ha) |           |
|-------|---------------------|------------------------|---------|------|---------|---------|----------|---------------|----------------------|---------------|-----------|---------------|--------------------|-----------------|-----------|
| Сгор  | Area                | demonstrated           | Farmers | (ha) | Demo    | Check   | Increase | Gross<br>Cost | Gross<br>Return      | Net<br>Return | **<br>BCR | Gross<br>Cost | Gross<br>Return    | Net<br>Return   | **<br>BCR |
| Arhar | Pulse<br>Production | Seed (NDA-1)           | 20      | 3    | Awaited | Awaited |          |               |                      |               |           |               |                    |                 |           |
|       |                     |                        |         |      |         |         |          |               |                      |               |           |               |                    |                 |           |
|       |                     |                        |         |      |         |         |          |               |                      |               |           |               |                    |                 |           |
| Total |                     |                        |         |      |         |         |          |               |                      |               |           |               |                    |                 |           |

<sup>\*</sup> Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

Maize, cotton and lentil as special programme: NA

Frontline demonstration on maize, cotton and lentil: NA

| Crop  | Thematic | Name of the technology | No. of  | Area | Yield | (q/ha) | %        | *Ecor         | omics of o<br>(Rs./ |               | ition     | *E            | Economics<br>(Rs./ | s of check<br>'ha) |           |
|-------|----------|------------------------|---------|------|-------|--------|----------|---------------|---------------------|---------------|-----------|---------------|--------------------|--------------------|-----------|
| Стор  | Area     | demonstrated           | Farmers | (ha) | Demo  | Check  | Increase | Gross<br>Cost | Gross<br>Return     | Net<br>Return | **<br>BCR | Gross<br>Cost | Gross<br>Return    | Net<br>Return      | **<br>BCR |
|       |          |                        |         |      |       |        |          |               |                     |               |           |               |                    |                    |           |
|       |          |                        |         |      |       |        |          |               |                     |               |           |               |                    |                    |           |
| Total |          |                        |         |      |       |        |          |               |                     |               |           |               |                    |                    |           |

<sup>\*</sup> Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

Other crops:

|                 | 7.1.10. 0.0р            |                            | 1      |      |               |       |                    | Other        |       |               |                 |               |           | +=            |                 | -1-           |           |
|-----------------|-------------------------|----------------------------|--------|------|---------------|-------|--------------------|--------------|-------|---------------|-----------------|---------------|-----------|---------------|-----------------|---------------|-----------|
| Category        | Thematic                | Name of the                | No. of | Area | Yield (q/ha   | a)    | %                  | Other parame | ters  | *Econor       | nics of dem     | onstration (I | Rs./ha)   | (Rs./ha)      | nics of che     | JK            |           |
| and Crop        | area                    | technology<br>demonstrated | Farmer | (ha) | Demons ration | Check | change<br>in yield | Demo         | Check | Gross<br>Cost | Gross<br>Return | Net<br>Return | **<br>BCR | Gross<br>Cost | Gross<br>Return | Net<br>Return | **<br>BCR |
| Paddy           | Crop<br>production      | Seed                       | 20     | 5.6  | 34            | 25    | 36                 |              |       | 23075         | 41550           | 18475         | 1.8       | 23075         | 25500           | 2425          | 1.1       |
| Wheat           | Crop<br>production      | Seed                       | 100    | 8    | Awaited       |       |                    |              |       |               |                 |               |           |               |                 |               |           |
| Boro Paddy      | Crop<br>Production      | Seed                       | 5      | 2    | Awaited       |       |                    |              |       |               |                 |               |           |               |                 |               |           |
|                 |                         |                            |        |      |               |       |                    |              |       |               |                 |               |           |               |                 |               |           |
| Millets         |                         |                            |        |      |               |       |                    |              |       |               |                 |               |           |               |                 |               |           |
|                 |                         |                            |        |      |               |       |                    |              |       |               |                 |               |           |               |                 |               |           |
|                 |                         |                            |        |      |               |       |                    |              |       |               |                 |               |           |               |                 |               |           |
| Vegetable crops |                         |                            |        |      |               |       |                    |              |       |               |                 |               |           |               |                 |               |           |
| Palak           | Vegetable<br>Production | Seed                       | 10     | 0.5  | 104           | 91    | 14                 |              |       | 30000         | 62400           | 32400         | 2.08      | 30000         | 54600           | 24600         | 1.82      |

<sup>\*\*</sup> BCR= GROSS RETURN/GROSS COST

<sup>\*\*</sup> BCR= GROSS RETURN/GROSS COST

<sup>\*\*</sup> BCR= GROSS RETURN/GROSS COST

| Brinjal                |       | Seed | 10 | 1.5 | 205  | 182 | 34 |   |   | 83500 | 200500 | 117000 | 2.40 | 83000 | 180200 | 97200 | 2.17     |
|------------------------|-------|------|----|-----|--|-----|----|---|---|-------|--------|--------|------|-------|--------|-------|----------|
| Tomato                 |       |      | 8  | 1.5 | 162  | 114 | 42 |   |   | 81375 | 145800 | 64425  | 1.79 | 81000 | 102600 | 21600 | 1.26     |
| Cauliflower            |       |      | 10 | 0.5 | 148  | 114 | 30 |   |   | 42000 | 82560  | 40560  | 1.96 | 41500 | 63593  | 22093 | 1.53     |
| Carrot                 |       |      | 10 | 05  | 121  | 97  | 24 |   |   | 51375 | 96800  | 45425  | 1.88 | 51000 | 77600  | 22600 | 1.52     |
| Radish                 |       |      | 10 | 0.5 | 130  | 96  | 35 |   |   | 46000 | 78000  | 32000  | 1.69 | 46000 | 57600  | 11600 | 1.25     |
| Flower                 |       |      |    |     |  |     |    |   |   |       |        |        |      |       |        |       |          |
| crops                  |       |      |    |     |  |     |    |   |   |       |        |        |      |       |        |       |          |
|                        |       |      |    |     |  |     |    |   |   |       |        |        |      |       |        |       |          |
|                        |       |      |    |     |  |     |    |   |   |       |        |        |      |       |        |       |          |
| Ornamental             |       |      |    |     |  |     |    |   |   |       |        |        |      |       |        |       |          |
| crops                  |       | 1    |    | _   |  |     |    |   |   |       |        |        |      |       |        |       |          |
|                        |       |      |    |     |  |     |    |   |   |       |        |        |      |       |        |       |          |
| Fruit crops            |       | -    |    | -   |  |     |    |   | - |       |        |        |      |       |        |       | -        |
| i iuit ciops           |       | -    |    | -   |  |     |    |   | - |       |        |        |      |       |        |       | -        |
|                        |       | -    |    | -   |  |     |    |   | - |       |        |        |      |       |        |       | -        |
| Spices and             |       | -    |    | -   |  |     |    |   | - |       |        |        |      |       |        |       | -        |
| condiments             |       |      |    |     |  |     |    |   |   |       |        |        |      |       |        |       |          |
|                        |       |      |    |     |  |     |    |   |   |       |        |        |      |       |        |       |          |
|                        |       |      |    |     |  |     |    |   |   |       |        |        |      |       |        |       |          |
| Commercial crops       |       |      |    |     |  |     |    |   |   |       |        |        |      |       |        |       |          |
| Makhana                |       | Seed | 10 | 2   | Result   |     |    |   |   |       |        |        |      |       |        |       |          |
| Makhana                |       | Seed | 10 | 2   | Awaited  |     |    |   |   |       |        |        |      |       |        |       |          |
| Medicinal              |       |      |    |     |  |     |    |   |   |       |        |        |      |       |        |       |          |
| and<br>aromatic        |       |      |    |     |  |     |    |   |   |       |        |        |      |       |        |       |          |
| plants                 |       |      |    |     |  |     |    |   |   |       |        |        |      |       |        |       |          |
|                        |       |      |    |     |  |     |    |   |   |       |        |        |      |       |        |       |          |
|                        |       |      |    |     |  |     |    |   |   |       |        |        |      |       |        |       |          |
| Fodder                 |       |      |    |     |  |     |    |   |   |       |        |        |      |       |        |       |          |
| crops                  |       |      |    |     |  |     |    |   |   |       |        |        |      |       |        |       |          |
|                        |       |      |    |     |  |     |    |   |   |       |        |        |      |       |        |       |          |
| Plantation             |       | 1    |    |     |  |     |    |   | 1 |       |        |        |      |       |        |       | ļ        |
| crops                  |       |      |    |     |  |     |    |   |   |       |        |        |      |       |        |       |          |
|                        |       |      |    |     |  |     |    |   |   |       |        |        |      |       |        |       |          |
|                        |       |      |    |     |  |     |    |   |   |       |        |        |      |       |        |       |          |
| Fibre crops            |       |      |    |     |  |     |    |   |   |       |        |        |      |       |        |       |          |
|                        |       |      |    |     |  |     |    |   |   |       |        |        |      |       |        |       |          |
| Others<br>(pl.specify) |       |      |    |     |  |     |    |   |   |       |        |        |      |       |        |       |          |
| (hirahenia)            |       |      |    |     |  |     |    |   |   |       |        |        |      |       |        |       |          |
|                        |       |      |    |     |  |     |    |   |   |       |        |        |      |       |        |       |          |
|                        | Total | 1    | +  | +   | <del>                                     </del> | 1   | ·  | 1 | 1 | 1     |        | l      | ·    | 1     |        |       | <u> </u> |

<sup>\*</sup> Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

\*\* BCR= GROSS RETURN/GROSS COST

Livestock :NA

|                        | LIVESTOCK IVA |                            |        |       |               |         |                       |               |         |               |                 |               |           |               |                 |               |           |
|------------------------|---------------|----------------------------|--------|-------|---------------|---------|-----------------------|---------------|---------|---------------|-----------------|---------------|-----------|---------------|-----------------|---------------|-----------|
| Cotomoni               | Thematic      | Name of the                | No. of | No.of | Major par     | ameters | % change              | Other par     | rameter | *Econo        | mics of der     | nonstration   | n (Rs.)   | ,             | (Rs             |               |           |
| Category               | area          | technology<br>demonstrated | Farmer | units | Demons ration | Check   | in major<br>parameter | Demons ration | Check   | Gross<br>Cost | Gross<br>Return | Net<br>Return | **<br>BCR | Gross<br>Cost | Gross<br>Return | Net<br>Return | **<br>BCR |
| Dairy                  |               |                            |        |       |               |         |                       |               |         |               |                 |               |           |               |                 |               |           |
| Cow                    |               |                            |        |       |               |         |                       |               |         |               |                 |               |           |               |                 |               |           |
| Buffalo                |               |                            |        |       |               |         |                       |               |         |               |                 |               |           |               |                 |               |           |
| Poultry                |               |                            |        |       |               |         |                       |               |         |               |                 |               |           |               |                 |               |           |
| Rabbitry               |               |                            |        |       |               |         |                       |               |         |               |                 |               |           |               |                 |               |           |
|                        |               |                            |        |       |               |         |                       |               |         |               |                 |               |           |               |                 |               |           |
| Pigerry                |               |                            |        |       |               |         |                       |               |         |               |                 |               |           |               |                 |               |           |
|                        |               |                            |        |       |               |         |                       |               |         |               |                 |               |           |               |                 |               |           |
| Sheep and goat         |               |                            |        |       |               |         |                       |               |         |               |                 |               |           |               |                 |               |           |
|                        |               |                            |        |       |               |         |                       |               |         |               |                 |               |           |               |                 |               |           |
| Duckery                |               |                            |        |       |               |         |                       |               |         |               |                 |               |           |               |                 |               |           |
|                        |               |                            |        |       |               |         |                       |               |         |               |                 |               |           |               |                 |               |           |
|                        |               |                            |        |       |               |         |                       |               |         |               |                 |               |           |               |                 |               |           |
| Others<br>(pl.specify) |               |                            |        |       |               |         |                       |               |         |               |                 |               |           |               |                 |               |           |
| L                      |               |                            |        |       |               |         |                       |               |         |               |                 |               |           |               |                 |               |           |
| Total                  |               |                            |        |       |               |         |                       |               |         |               |                 |               |           |               |                 |               |           |

- \* Economics to be worked out based total cost of production per unit area and not on critical inputs alone. 
  \*\* BCR= GROSS RETURN/GROSS COST

#### Fisheries:NA

| Category               | Thematic | Name of the technology | No. of | No.of | Major par     | ameters | % change              | Other par     | rameter | Gross Gross Not |                 |               |           |               | Economics*<br>Rs) |               |           |
|------------------------|----------|------------------------|--------|-------|---------------|---------|-----------------------|---------------|---------|-----------------|-----------------|---------------|-----------|---------------|-------------------|---------------|-----------|
| Calegory               | area     | demonstrated           | Farmer | units | Demons ration | Check   | in major<br>parameter | Demons ration | Check   | Gross<br>Cost   | Gross<br>Return | Net<br>Return | **<br>BCR | Gross<br>Cost | Gross<br>Return   | Net<br>Return | **<br>BCR |
| Common carps           |          |                        |        |       |               |         |                       |               |         |                 |                 |               |           |               |                   |               |           |
|                        |          |                        |        |       |               |         |                       |               |         |                 |                 |               |           |               |                   |               |           |
| Mussels                |          |                        |        |       |               |         |                       |               |         |                 |                 |               |           |               |                   |               |           |
|                        |          |                        |        |       |               |         |                       |               |         |                 |                 |               |           |               |                   |               |           |
| Ornamental fishes      |          |                        |        |       |               |         |                       |               |         |                 |                 |               |           |               |                   |               |           |
|                        |          |                        |        |       |               |         |                       |               |         |                 |                 |               |           |               |                   |               |           |
| Others<br>(pl.specify) |          |                        |        |       |               |         |                       |               |         |                 |                 |               |           |               |                   |               |           |
|                        |          |                        |        |       |               |         |                       |               |         |                 |                 |               |           |               |                   |               |           |
|                        |          | Total                  |        |       |               |         | •                     | •             | •       |                 |                 |               |           | •             |                   |               |           |

<sup>\*</sup> Economics to be worked out based total cost of production per unit area and not on critical inputs alone. 
\*\* BCR= GROSS RETURN/GROSS COST

Other enterprises :NA

| Other                  | enterprise                 |        |       |               |         |                       |                  |         |               |                      |               |           |               |                       |               |           |
|------------------------|----------------------------|--------|-------|---------------|---------|-----------------------|------------------|---------|---------------|----------------------|---------------|-----------|---------------|-----------------------|---------------|-----------|
| Cotogony               | Name of the                | No. of | No.of | Major par     | ameters | % change              | Other pa         | rameter | *Econo        | mics of dea<br>or Rs |               | n (Rs.)   | ,             | Economics<br>(Rs.) or |               |           |
| Category               | technology<br>demonstrated | Farmer | units | Demons ration | Check   | in major<br>parameter | Demons<br>ration | Check   | Gross<br>Cost | Gross<br>Return      | Net<br>Return | **<br>BCR | Gross<br>Cost | Gross<br>Return       | Net<br>Return | **<br>BCR |
| Oyster<br>mushroom     |                            |        |       |               |         |                       |                  |         |               |                      |               |           |               |                       |               |           |
|                        |                            |        |       |               |         |                       |                  |         |               |                      |               |           |               |                       |               |           |
| Button<br>mushroom     |                            |        |       |               |         |                       |                  |         |               |                      |               |           |               |                       |               |           |
| Vermicompost           |                            |        |       |               |         |                       |                  |         |               |                      |               |           |               |                       |               |           |
|                        |                            |        |       |               |         |                       |                  |         |               |                      |               |           |               |                       |               |           |
| Sericulture            |                            |        |       |               |         |                       |                  |         |               |                      |               |           |               |                       |               |           |
|                        |                            |        |       |               |         |                       |                  |         |               |                      |               |           |               |                       |               |           |
| Apiculture             |                            |        |       |               |         |                       |                  |         |               |                      |               |           |               |                       |               |           |
| Others<br>(pl.specify) |                            |        |       |               |         |                       |                  |         |               |                      |               |           |               |                       |               |           |
| То                     | tal                        |        |       |               |         |                       |                  |         |               |                      |               |           |               |                       |               |           |

<sup>\*</sup> Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

Women empowerment:NA

| Category   | Name<br>technology | of<br>y | No.<br>KVKs | of | No.<br>demonstration | of<br>s | Name observations | of | Demonstration | Check |
|------------|--------------------|---------|-------------|----|----------------------|---------|-------------------|----|---------------|-------|
| Women      | <u> </u>           |         |             |    |                      |         |                   |    |               |       |
| Pregnant   |                    |         |             |    |                      |         |                   |    |               |       |
| women      |                    |         |             |    |                      |         |                   |    |               |       |
| Adolescent |                    |         |             |    |                      |         |                   |    |               |       |
| Girl       |                    |         |             |    |                      |         |                   |    |               |       |
| Other      |                    |         |             |    |                      |         |                   |    |               |       |
| women      |                    |         |             |    |                      |         |                   |    |               |       |
| Children   |                    |         |             |    |                      |         |                   |    |               |       |
| Neonats    |                    |         |             |    |                      |         |                   |    |               |       |
| Infants    |                    |         |             |    |                      |         |                   |    |               |       |
| Children   |                    |         |             |    |                      |         |                   |    |               |       |

<sup>\*\*</sup> BCR= GROSS RETURN/GROSS COST

Farm implements and machinery: NA

| Name of the implement | Crop | Name of the technology demonstrated | No.<br>of<br>KVKs | No. of<br>Farmer | Area<br>(ha) | Filed obse<br>(output<br>hou | /man  | % change in major parameter | re | Lak<br>educ<br>(ma<br>day | ction<br>an | redu<br>(Rs | s./h<br>or | on<br>a |
|-----------------------|------|-------------------------------------|-------------------|------------------|--------------|------------------------------|-------|-----------------------------|----|---------------------------|-------------|-------------|------------|---------|
|                       |      |                                     |                   |                  |              | Demons ration                | Check |                             |    |                           |             |             |            |         |
|                       |      |                                     |                   |                  |              |                              |       |                             |    |                           |             |             |            |         |
|                       |      |                                     |                   |                  |              |                              |       |                             |    |                           |             |             |            |         |
|                       |      |                                     |                   |                  |              |                              |       |                             |    |                           |             |             |            |         |
|                       |      |                                     |                   |                  |              |                              |       |                             |    |                           |             |             |            |         |
|                       |      |                                     |                   |                  |              |                              |       |                             |    |                           |             |             |            |         |
|                       |      |                                     |                   |                  |              |                              |       |                             |    |                           |             |             |            |         |
|                       |      |                                     |                   |                  |              |                              |       |                             |    |                           |             |             |            |         |

<sup>\*</sup> Economics to be worked out based total cost of production per unit area and not on critical inputs alone.
\*\* BCR= GROSS RETURN/GROSS COST

### Demonstration details on crop hybrids: NA

| Crop                | Name of the Hybrid | No. of farmers | Area<br>(ha) | Yield (kọ<br>pa | g/ha) / ı<br>rameter |             |               | Economic        | s (Rs./ha)    |     |
|---------------------|--------------------|----------------|--------------|-----------------|----------------------|-------------|---------------|-----------------|---------------|-----|
|                     |                    |                |              | Demo            | Local check          | %<br>change | Gross<br>Cost | Gross<br>Return | Net<br>Return | BCR |
| Cereals             |                    |                |              |                 |                      |             |               |                 |               |     |
| Bajra               |                    |                |              |                 |                      |             |               |                 |               |     |
| Maize               |                    |                |              |                 |                      |             |               |                 |               |     |
| Paddy               |                    |                |              |                 |                      |             |               |                 |               |     |
| Sorghum             |                    |                |              |                 |                      |             |               |                 |               |     |
| Wheat               |                    |                |              |                 |                      |             |               |                 |               |     |
| Others (pl.specify) |                    |                |              |                 |                      |             |               |                 |               |     |
|                     |                    |                |              |                 |                      |             |               |                 |               |     |
| Total               |                    |                |              |                 |                      |             |               |                 |               |     |
| Oilseeds            |                    |                |              |                 |                      |             |               |                 |               |     |
| Castor              |                    |                |              |                 |                      |             |               |                 |               |     |
| Mustard             |                    |                |              |                 |                      |             |               |                 |               |     |
| Safflower           |                    |                |              |                 |                      |             |               |                 |               |     |
| Sesame              |                    |                |              |                 |                      |             |               |                 |               |     |
| Sunflower           |                    |                |              |                 |                      |             |               |                 |               |     |
| Groundnut           |                    |                |              |                 |                      |             |               |                 |               |     |
| Soybean             |                    |                |              |                 |                      |             |               |                 |               |     |
| Others (pl.specify) |                    |                |              |                 |                      |             |               |                 |               |     |
|                     |                    |                |              |                 |                      |             |               |                 |               |     |
| Total               |                    |                |              |                 |                      |             |               |                 |               |     |
| Pulses              |                    |                |              |                 |                      |             |               |                 |               |     |
| Greengram           |                    |                |              |                 |                      |             |               |                 |               |     |

| Blackgram                                |      |    |     |     |     |    |  |  |
|--|------|----|-----|-----|-----|----|--|--|
| Bengalgram                               |      |    |     |     |     |    |  |  |
| Redgram                                  |      |    |     |     |     |    |  |  |
| Others (pl.specify)                      |      |    |     |     |     |    |  |  |
| \\ |      |    |     |     |     |    |  |  |
| Total                                    |      |    |     |     |     |    |  |  |
| Vegetable crops                          |      |    |     |     |     |    |  |  |
|  | PH-2 | 10 | 0.5 | 148 | 114 | 30 |  |  |
| Capsicum                                 |      |    |     |     |     |    |  |  |
| Cucumber                                 |      |    |     |     |     |    |  |  |
| Tomato                                   |      |    |     |     |     |    |  |  |
| Brinjal                                  |      |    |     |     |     |    |  |  |
| Okra                                     |      |    |     |     |     |    |  |  |
| Onion                                    |      |    |     |     |     |    |  |  |
| Potato                                   |      |    |     |     |     |    |  |  |
| Field bean                               |      |    |     |     |     |    |  |  |
| Others (pl.specify)                      |      |    |     |     |     |    |  |  |
|  |      |    |     |     |     |    |  |  |
| Total                                    |      |    |     |     |     |    |  |  |
| Commercial crops                         |      |    |     |     |     |    |  |  |
| Cotton                                   |      |    |     |     |     |    |  |  |
| Coconut                                  |      |    |     |     |     |    |  |  |
| Others (pl.specify)                      |      |    |     |     |     |    |  |  |
|  |      |    |     |     |     |    |  |  |
| Total                                    |      |    |     |     |     |    |  |  |
| Fodder crops                             |      |    |     |     |     |    |  |  |
| Napier (Fodder)                          |      |    |     |     |     |    |  |  |
| Maize (Fodder)                           |      |    |     |     |     |    |  |  |
| Sorghum (Fodder)                         |      |    |     |     |     |    |  |  |
| Others (pl.specify)                      |      |    |     |     |     |    |  |  |
|  |      |    |     |     |     |    |  |  |
| Total                                    |      |    |     |     |     |    |  |  |

NB: Attach few good action photographs with title at the back with pencil

Analytical Review of component demonstrations (details of each component for rained / irrigated situations to be given separately for each season).

| Crop    | Season         | Component                             | Farming<br>situation | Average<br>yield<br>(q/ha) | Local check<br>(q/ha) | Percentage increase in productivity over local check |
|---------|----------------|---------------------------------------|----------------------|----------------------------|-----------------------|--|
| Arhar   | Kharif<br>2012 | Seed (NDA-1)                          | Irrigated            | awaited                    | -                     |  |
| Paddy   | Kharif<br>2012 | Seed (R. Bhagwati)                    | Irrigated            | 34                         | 25                    | 36   |
| Brinjal | Kharif<br>2012 | Seed( R. Baigan)                      | Irrigated            | 205                        | 153                   | 34   |
| Tomato  | Kharif<br>2012 | Seed (Pusa Rohini,<br>Kashi Vishwash) | Irrigated            | 162                        | 114                   | 42   |

| Palak         | Kharif<br>2012 | Seed (Pusa Anmol)     | Irrigated | 104     | 91  | 14 |
|---------------|----------------|-----------------------|-----------|---------|-----|----|
| Cauliflower   | Kharif<br>2012 | Seed (PH-2)           | Irrigated | 148     | 114 | 30 |
| Carrot        | Kharif<br>2012 | Seed (pusa<br>Keshar) | Irrigated | 121     | 97  | 24 |
| Radish        | Kharif<br>2012 | Seed (Pusa Chetki)    | Irrigated | 130     | 96  | 35 |
| Wheat         | Rabi<br>2012   | Seed (H.D. 2733)      | Irrigated | awaited |     |    |
| Boro<br>Paddy | Rabi<br>2012   | Seed (Sabhagi)        | Irrigated | awaited |     |    |
| Makhana       | Rabi<br>2012   | Seed                  | Irrigated | awaited |     |    |

## Technical Feedback on the demonstrated technologies

| S. No                    | Feed Back   |
|--------------------------|---|
| 1. Arhar(NDA-1)          | Crop performance is good  |
| 2. Paddy (R. Bhagwati)   | Yield performance, Aromatic quality and cooking quality is good |
| 3. Wheat (H.D. 2733)     | Crop performance is good  |
| 4. Brinjal (R. Baigan)   | Yield performance, fruits setting, size and quality is good     |
| 5. Tomato (Pusa Rohini,  | Yield performance and fruits quality is good                    |
| Kashi Vishwash)          |   |
| 6. Palak (Pusha Anmol)   | Yield performance is good                                       |
| 7. Cauliflower (PH-2)    | Yield performance, flower setting quality and size is good      |
| 8. Carrot (pusha Keshar) | Yield performance and quality is good                           |
| 9. Radish (Pusha Chetki) | Yield performance and quality is good                           |
| 10. Boro Paddy           | Crop performance is good  |
| (Suhasini)               |   |
| 11. Makhana              | Crop Nursery is in good condition                               |
|                          |   |

## Farmers' reactions on specific technologies

| S. No                    | Feed Back  |
|--------------------------|--|
| 1. Arhar (NDA-1)         | Accepted to the demonstrated variety NDA-1                       |
| 2. Paddy (R. Bhagwati)   | Accepted to the demonstrated variety R. Bhagwati                 |
| 3. Wheat (H.D. 2733)     | Accepted to the demonstrated variety HD-2733                     |
| 4. Brinjal (R. Baigan)   | Accepted to the demonstrated variety R. Baigan                   |
| 5. Tomato (Pusa Rohini,  | Accepted to the demonstrated variety Pusa Rohini, Kashi Vishwash |
| Kashi Vishwash)          |  |
| 6. Palak (Pusha Anmol)   | Accepted to the demonstrated variety Pusha Anmol                 |
| 7. Cauliflower (PH-2)    | Accepted to the demonstrated                                     |
| 8. Carrot (Pusha Keshar) | Accepted to the demonstrated variety Pusha Keshar                |
| 9. Radish (Pusha Chetki) | Accepted to the demonstrated variety Pusha Chetki                |
| 10. Boro Paddy           | Mode of farmers are positive                                     |
| (Suhasini)               |  |
| 11. Makhana              | Mode of farmers are positive                                     |
|                          |  |

# Extension and Training activities under FLD

| SI.No. | Activity               | No. of activities organised | Date     | Number of participants | Remarks |
|--------|------------------------|-----------------------------|----------|------------------------|---------|
| 1      | Field days             | 5                           | 15.04.12 | 45                     |         |
|        |                        |                             | 08.08.12 | 47                     |         |
|        |                        |                             | 05.12.12 | 162                    |         |
|        |                        |                             | 04.01.13 | 80                     |         |
|        |                        |                             | 12.02.13 | 76                     |         |
|        |                        |                             | 02.03.13 | 80                     |         |
| 2      | Farmers Training       | 4                           | 12.06.12 | 20                     |         |
|        | _                      |                             | 16.09.12 | 25                     |         |
|        |                        |                             | 15.11.12 | 22                     |         |
|        |                        |                             | 02.02.13 | 28                     |         |
| 3      | Media coverage         |                             |          | many                   |         |
| 4      | Training for extension |                             |          |                        |         |
|        | functionaries          |                             |          |                        |         |

## 3.3 Achievements on Training (Including the sponsored and FLD training programmes):

## A) ON Campus

| Thematic Area                      | S                 | No. of Participants |       |     |    |    |    |    | Gr | and To | otal |    |     |
|------------------------------------|-------------------|---------------------|-------|-----|----|----|----|----|----|--------|------|----|-----|
|                                    | No. of<br>Courses |                     | Other |     |    | SC |    |    | ST |        |      |    |     |
|                                    | Z &               | М                   | F     | Т   | М  | F  | Т  | М  | F  | Т      | М    | F  | Т   |
| (A) Farmers & Farm Women           |                   |                     |       |     |    |    |    |    |    |        |      |    |     |
| I Crop Production                  |                   |                     |       |     |    |    |    |    |    |        |      |    |     |
| Weed Management                    | 3                 | 16                  | 4     | 20  | 3  | 1  | 4  | 1  |    | 1      | 20   | 5  | 25  |
| Resource Conservation Technologies | 2                 | 20                  | 3     | 23  | 3  | 1  | 4  | 2  |    | 2      | 25   | 4  | 29  |
| Cropping Systems                   | 5                 | 19                  | 6     | 25  | 4  | 2  | 6  |    |    | 0      | 23   | 8  | 31  |
| Crop Diversification               | 1                 | 11                  | 2     | 13  | 4  | 1  | 5  | 2  | 2  | 4      | 17   | 5  | 22  |
| Integrated Farming                 | 3                 | 23                  | 6     | 29  | 2  | 1  | 3  | 1  | 1  | 2      | 26   | 8  | 34  |
| Water management                   | 2                 | 18                  | 4     | 22  | 2  | 2  | 4  | 1  |    | 1      | 21   | 6  | 27  |
| Seed production                    | 2                 | 22                  | 4     | 26  | 1  |    | 1  |    |    | 0      | 23   | 4  | 27  |
| Nursery management                 | 2                 | 16                  | 3     | 19  | 2  | 1  | 3  | 2  |    | 2      | 20   | 4  | 24  |
| Integrated Crop Management         | 5                 | 18                  | 1     | 19  | 2  | 2  | 4  | 1  |    | 1      | 21   | 3  | 24  |
| Fodder production                  |                   |                     |       |     |    |    |    |    |    |        |      |    |     |
| Production of organic inputs       |                   |                     |       |     |    |    |    |    |    |        |      |    |     |
|                                    |                   |                     |       |     |    |    |    |    |    |        |      |    |     |
| Others, (cultivation of crops)     |                   |                     |       |     |    |    |    |    |    |        |      |    |     |
| Total                              | 25                | 163                 | 33    | 196 | 23 | 11 | 34 | 10 | 3  | 13     | 196  | 47 | 243 |

| II Horticulture  |    |     |    |     |    |    |    |   |   |    |     |    |     |
|--|----|-----|----|-----|----|----|----|---|---|----|-----|----|-----|
| a) Vegetable Crops   |    |     |    |     |    |    |    |   |   |    |     |    |     |
| Production of low volume and high                                  | 2  | 18  | 3  | 21  | 2  | 1  | 3  | 1 |   | 1  | 21  | 4  | 25  |
| value crops  | _  | 10  | J  |     | 2  |    |    | • |   | •  | 21  | 7  |     |
| Off-season vegetables  | 3  | 14  | 2  | 16  | 1  | 1  | 2  | 1 | 1 | 2  | 16  | 4  | 20  |
| Nursery raising  | 4  | 17  | 2  | 19  | 2  | 1  | 3  |   |   | 0  | 19  | 3  | 22  |
| Exotic vegetables like Broccoli                                    | 4  | 18  | 2  | 20  | 1  | 1  | 2  |   |   | 0  | 19  | 3  | 22  |
| Export potential vegetables  | 2  | 16  | 3  | 19  | 2  | 2  | 4  | 1 |   | 1  | 19  | 5  | 24  |
| Grading and standardization  | 3  | 13  | 3  | 16  | 2  | 1  | 3  | 1 |   | 1  | 16  | 4  | 20  |
| Protective cultivation (Green Houses, Shade Net etc.)              |    |     |    |     |    |    |    |   |   |    |     |    |     |
| Others, if any (Cultivation of Vegetable)                          |    |     |    |     |    |    |    |   |   |    |     |    |     |
| Training and Pruning   |    |     |    |     |    |    |    |   |   |    |     |    |     |
| b) Fruits  |    |     |    |     |    |    |    |   |   |    |     |    |     |
| Layout and Management of Orchards                                  | 3  | 16  | 4  | 20  | 2  | 1  | 3  | 1 | 1 | 2  | 19  | 6  | 25  |
| Cultivation of Fruit   | 2  | 14  | 4  | 18  | 2  | 2  | 4  | 1 | 1 | 2  | 17  | 7  | 24  |
| Management of young plants/orchards                                | 2  | 18  | 2  | 20  | 1  | 1  | 2  |   |   | 0  | 19  | 3  | 22  |
| Export potential fruits  | 2  | 20  | 3  | 23  | 1  | 1  | 2  | 1 |   | 1  | 22  | 4  | 26  |
| Micro irrigation systems of orchards                               | 1  | 17  | 4  | 21  | 2  | 1  | 3  | 1 |   | 1  | 20  | 5  | 25  |
| Plant propagation techniques                                       | 2  | 16  | 2  | 18  | 2  |    | 2  |   |   | 0  | 18  | 2  | 20  |
| Others, if any   |    |     |    |     |    |    |    |   |   |    |     |    | 1   |
| Total  | 30 | 197 | 34 | 231 | 20 | 13 | 33 | 8 | 3 | 11 | 225 | 50 | 275 |
| c) Ornamental Plants   |    |     |    |     |    |    |    |   |   |    |     |    |     |
| Nursery Management   |    |     |    |     |    |    |    |   |   |    |     |    | 1   |
| Management of potted plants  |    |     |    |     |    |    |    |   |   |    |     |    |     |
| Export potential of ornamental plants                              |    |     |    |     |    |    |    |   |   |    |     |    |     |
| Propagation techniques of Ornamental Plants                        |    |     |    |     |    |    |    |   |   |    |     |    |     |
| Others, if any   |    |     |    |     |    |    |    |   |   |    |     |    |     |
| d) Plantation crops  |    |     |    |     |    |    |    |   |   |    |     |    |     |
| Production and Management technology                               |    |     |    |     |    |    |    |   |   |    |     |    |     |
| Processing and value addition                                      |    |     |    |     |    |    |    |   |   |    |     |    |     |
| Others, if any   |    |     |    |     |    |    |    |   |   |    |     |    |     |
| e) Tuber crops   |    |     |    |     |    |    |    |   |   |    |     |    |     |
| Production and Management technology Processing and value addition |    |     |    |     |    |    |    |   |   |    |     |    |     |
| Others, if any   |    |     |    |     |    |    |    |   |   |    |     |    |     |
| •  |    |     |    |     |    |    |    |   |   |    |     |    | ·   |
| f) Spices  |    |     |    |     |    |    |    |   |   |    |     |    | ·   |
| Production and Management technology                               |    |     |    |     |    |    |    |   |   |    |     |    |     |
| Processing and value addition                                      |    |     |    |     |    |    |    |   |   |    |     |    |     |
| Others, if any   |    |     |    |     |    |    |    |   |   |    |     |    |     |
| g) Medicinal and Aromatic Plants                                   |    |     |    |     |    |    |    |   |   |    |     |    |     |
| Nursery management   |    |     |    |     |    |    |    |   |   |    |     |    |     |
| Production and management technology                               |    |     |    |     |    |    |    |   |   |    |     |    |     |

| Post harvest technology and value                                    |    |     |     |     |    |    |    |   |    |    |     |         |     |
|--|----|-----|-----|-----|----|----|----|---|----|----|-----|---------|-----|
| addition   |    |     |     |     |    |    |    |   |    |    |     |         | 1   |
| Others, if any   |    |     |     |     |    |    |    |   |    |    |     |         |     |
| III Soil Health and Fertility  |    |     |     |     |    |    |    |   |    |    |     |         |     |
| Management   |    |     |     |     |    |    |    |   |    |    |     |         |     |
| Soil fertility management  | 4  | 16  | 6   | 22  | 3  | 2  | 5  | 1 |    | 1  | 20  | 8       | 28  |
| Soil and Water Conservation  |    |     |     | 0   |    |    | 0  |   |    | 0  | 0   | 0       | 0   |
| Integrated Nutrient Management                                       | 5  | 18  | 3   | 21  | 4  | 1  | 5  | 1 |    | 1  | 23  | 4       | 27  |
| Production and use of organic inputs                                 | 6  | 17  | 5   | 22  | 3  | 2  | 5  | 2 | 1  | 3  | 22  | 8       | 30  |
| Management of Problematic soils                                      | 2  | 16  | 4   | 20  | 3  | 2  | 5  | 1 | 1  | 2  | 20  | 7       | 27  |
| Micro nutrient deficiency in crops                                   | 5  | 19  | 3   | 22  | 4  | 3  | 7  | 2 | 1  | 3  | 25  | 7       | 32  |
| Nutrient Use Efficiency  | 2  | 21  | 2   | 23  | 2  | 2  | 4  | 1 | 1  | 2  | 24  | 5       | 29  |
| Soil and Water Testing   | 1  | 19  | 3   | 22  | 4  | 2  | 6  | 1 | 1  | 2  | 24  | 6       | 30  |
| Others, if any   |    |     |     |     |    |    |    |   |    |    |     |         | -   |
| Total  | 25 | 126 | 26  | 152 | 23 | 14 | 37 | 9 | 5  | 14 | 158 | 45      | 203 |
| IV Livestock Production and  |    |     |     |     |    |    |    |   |    |    |     |         |     |
| Management   |    |     |     |     |    |    |    |   |    |    |     |         |     |
| Dairy Management   |    |     |     |     |    |    |    |   |    |    |     |         |     |
| Poultry Management   |    |     |     |     |    |    |    |   |    |    |     |         |     |
| Piggery Management   |    |     |     |     |    |    |    |   |    |    |     |         | 1   |
| Rabbit Management  |    |     |     |     |    |    |    |   |    |    |     |         |     |
| Disease Management   |    |     |     |     |    |    |    |   |    |    |     |         |     |
| Feed management  |    |     |     |     |    |    |    |   |    |    |     |         |     |
| Production of quality animal products                                |    |     |     |     |    |    |    |   |    |    |     |         |     |
| Others, if any Goat farming  |    |     |     |     |    |    |    |   |    |    |     |         |     |
| V Home Science/Women   |    |     |     |     |    |    |    |   |    |    |     |         |     |
| empowerment  |    |     |     |     |    |    |    |   |    |    |     |         |     |
| Household food security by kitchen gardening and nutrition gardening | 2  |     | 22  | 22  |    | 5  | 5  |   | 1  | 1  | 0   | 28      | 28  |
| Design and development of low/minimum cost diet                      | 1  |     | 26  | 26  |    | 6  | 6  |   |    | 0  | 0   | 32      | 32  |
| Designing and development for high nutrient efficiency diet          | 7  |     | 24  | 24  |    | 4  | 4  |   | 2  | 2  | 0   | 30      | 30  |
| Minimization of nutrient loss in processing                          | 2  |     | 19  | 19  |    | 5  | 5  |   | 2  | 2  | 0   | 26      | 26  |
| Gender mainstreaming through SHGs                                    | 2  |     | 21  | 21  |    | 7  | 7  | 1 | 1  | 2  | 1   | 29      | 30  |
| Storage loss minimization techniques                                 | 1  |     | 25  | 25  |    | 4  | 4  |   | 2  | 2  | 0   | 31      | 31  |
| Value addition   | 5  |     | 20  | 20  |    | 5  | 5  |   | 2  | 2  | 0   | 27      | 27  |
| Income generation activities for empowerment of rural Women          | 7  |     | 25  | 25  |    | 8  | 8  |   | 2  | 2  | 0   | 35      | 35  |
| Location specific drudgery reduction technologies                    | 5  |     | 23  | 23  |    | 3  | 3  |   | 1  | 1  | 0   | 27      | 27  |
| Rural Crafts   | 1  |     | 21  | 21  |    | 4  | 4  |   | 1  | 1  | 0   | 26      | 26  |
| Women and child care   | 5  |     | 19  | 19  |    | 4  | 4  |   | 1  | 1  | 0   | 24      | 24  |
| Others, if any   |    |     |     |     |    |    |    |   |    |    |     |         |     |
| Total  | 38 | 0   | 245 | 245 | 0  | 55 | 55 | 1 | 15 | 16 | 1   | 31<br>5 | 316 |
| VI Agril. Engineering  |    |     |     |     |    |    |    |   |    |    |     | 5       |     |
| Installation and maintenance of micro irrigation systems             |    |     |     |     |    |    |    |   |    |    |     |         |     |
| Use of Plastics in farming practices                                 |    |     |     |     |    |    |    |   |    |    |     |         |     |

|   |          | 1  | 1 | 1  |   |   |   |   | ı        |   | 1  | 1 |          |
|---|----------|----|---|----|---|---|---|---|----------|---|----|---|----------|
| Production of small tools and implements            |          |    |   |    |   |   |   |   |          |   |    |   |          |
| Repair and maintenance of farm                      |          |    |   |    |   |   |   |   |          |   |    |   |          |
| machinery and implements                            |          |    |   |    |   |   |   |   |          |   |    |   |          |
| Small scale processing and value                    |          |    |   |    |   |   |   |   |          |   |    |   |          |
| addition Post Harvest Technology                    |          |    |   |    |   |   |   |   |          |   |    |   |          |
| Others, if any                                      |          |    |   |    |   |   |   |   |          |   |    |   |          |
| VII Plant Protection                                |          |    |   |    |   |   |   |   |          |   |    |   |          |
| Integrated Pest Management                          |          |    |   |    |   |   |   |   |          |   |    |   |          |
| Integrated Disease Management                       |          |    |   |    |   |   |   |   |          |   |    |   |          |
| Bio-control of pests and diseases                   |          |    |   |    |   |   |   |   |          |   |    |   |          |
| Production of bio control agents and                |          |    |   |    |   |   |   |   |          |   |    |   |          |
| bio pesticides                                      |          |    |   |    |   |   |   |   |          |   |    |   |          |
| Others, if any                                      |          |    |   |    |   |   |   |   |          |   |    |   |          |
| VIII Fisheries                                      |          |    |   |    |   |   |   |   |          |   |    |   |          |
| Integrated fish farming                             |          |    |   |    |   |   |   |   |          |   |    |   |          |
| Carp breeding and hatchery                          |          |    |   |    |   |   |   |   |          |   |    |   |          |
| management  |          |    |   |    |   |   |   |   |          |   |    |   |          |
| Carp fry and fingerling rearing                     |          |    |   |    |   |   |   |   |          |   |    |   |          |
| Composite fish culture                              |          |    |   |    |   |   |   |   |          |   |    |   |          |
| Hatchery management and culture of freshwater prawn |          |    |   |    |   |   |   |   |          |   |    |   |          |
| Breeding and culture of ornamental                  |          |    |   |    |   |   |   |   |          |   |    |   |          |
| fishes  Portable plastic carp hatchery              |          |    |   |    |   |   |   |   |          |   |    |   |          |
| Pen culture of fish and prawn                       |          |    |   |    |   |   |   |   |          |   |    |   |          |
| Shrimp farming                                      |          |    |   |    |   |   |   |   |          |   |    |   |          |
| Edible oyster farming                               |          |    |   |    |   |   |   |   |          |   |    |   |          |
| Pearl culture                                       |          |    |   |    |   |   |   |   |          |   |    |   |          |
| Fish processing and value addition                  |          |    |   |    |   |   |   |   |          |   |    |   |          |
| Others, if any                                      |          |    |   |    |   |   |   |   |          |   |    |   |          |
| IX Production of Inputs at site                     |          |    |   |    |   |   |   |   |          |   |    |   |          |
| Seed Production                                     |          |    |   |    |   |   |   |   |          |   |    |   |          |
|   |          |    |   |    |   |   |   |   |          |   |    |   |          |
| Planting material production                        |          |    |   |    |   |   |   |   |          |   |    |   |          |
| Bio-agents production                               |          |    |   |    |   |   |   |   |          |   |    |   |          |
| Bio-pesticides production                           |          |    |   |    |   |   |   |   |          |   |    |   |          |
| Bio-fertilizer production                           |          |    |   |    |   |   |   |   |          |   |    |   |          |
| Vermi-compost production                            |          |    |   |    |   |   |   |   |          |   |    |   |          |
| Organic manures production                          |          |    |   |    |   |   |   |   |          |   |    |   |          |
| Production of fry and fingerlings                   |          |    |   |    |   |   |   |   |          |   |    |   | <u> </u> |
| Production of Bee-colonies and wax sheets           |          |    |   |    |   |   |   |   |          |   |    |   |          |
| Small tools and implements                          |          |    |   |    |   |   |   |   |          |   |    |   |          |
| Production of livestock feed and fodder             |          |    |   |    |   |   |   |   |          |   |    |   |          |
| Production of Fish feed                             |          |    |   |    |   |   |   |   |          |   |    |   |          |
| Others, if any                                      |          |    |   |    |   |   |   |   |          |   |    |   |          |
| X Capacity Building and Group Dynamics              |          |    |   |    |   |   |   |   |          |   |    |   |          |
| Leadership development                              | 4        | 23 | 5 | 28 | 4 | 1 | 5 | 1 | 1        | 2 | 28 | 7 | 35       |
|   | <u> </u> |    | ŭ | _• | • |   |   |   | <u> </u> |   |    |   |          |

| Group dynamics  | 9  | 32  | 10 | 42  | 5  | 2  | 7  | 2 | 1 | 3  | 39  | 13 | 52  |
|---|----|-----|----|-----|----|----|----|---|---|----|-----|----|-----|
| Formation and Management of SHGs                        | 6  | 25  | 9  | 34  | 4  | 2  | 6  | 1 | 1 | 2  | 30  | 12 | 42  |
| Mobilization of social capital                          | 7  | 29  | 8  | 37  | 6  | 1  | 7  | 1 | 1 | 2  | 36  | 10 | 46  |
| Entrepreneurial development of farmers/youths           | 9  | 31  | 11 | 42  | 7  | 3  | 10 | 2 | 1 | 3  | 40  | 15 | 55  |
| WTO and IPR issues                                      |    |     |    |     |    |    |    |   |   |    |     |    |     |
| Others, if any  | 3  | 26  | 8  | 34  | 9  | 2  | 11 | 1 | 1 | 2  | 36  | 11 | 47  |
| XI Agro-forestry  |    |     |    |     |    |    |    |   |   |    |     |    |     |
| Production technologies                                 |    |     |    |     |    |    |    |   |   |    |     |    |     |
| Nursery management                                      |    |     |    |     |    |    |    |   |   |    |     |    |     |
| Integrated Farming Systems                              |    |     |    |     |    |    |    |   |   |    |     |    |     |
| Gender mainstreaming through SHg                        |    |     |    |     |    |    |    |   |   |    |     |    |     |
| XII Others (Pl. Specify)                                |    |     |    |     |    |    |    |   |   |    |     |    |     |
| Total   | 38 | 166 | 51 | 217 | 35 | 11 | 46 | 8 | 6 | 14 | 209 | 68 | 277 |
| (B) RURAL YOUTH   |    |     |    |     |    |    |    |   |   |    |     |    |     |
| Mushroom Production                                     | 1  | 11  | 2  | 13  | 2  | 1  | 3  |   |   | 0  | 13  | 3  | 16  |
| Bee-keeping   |    |     |    |     |    |    |    |   |   |    |     |    |     |
| Integrated farming                                      |    |     |    |     |    |    |    |   |   |    |     |    |     |
| Seed production   |    |     |    |     |    |    |    |   |   |    |     |    |     |
| Production of organic inputs                            |    |     |    |     |    |    |    |   |   |    |     |    |     |
| Integrated Farming                                      |    |     |    |     |    |    |    |   |   |    |     |    |     |
| Planting material production                            |    |     |    |     |    |    |    |   |   |    |     |    |     |
| Vermi-culture   | 1  | 7   | 2  | 9   | 3  | 2  | 5  | 1 |   | 1  | 11  | 4  | 15  |
| Sericulture   |    |     |    |     |    |    |    |   |   |    |     |    |     |
| Protected cultivation of vegetable                      |    |     |    |     |    |    |    |   |   |    |     |    |     |
| crops   |    |     |    |     |    |    |    |   |   |    |     |    |     |
| Commercial fruit production                             |    |     |    |     |    |    |    |   |   |    |     |    |     |
| Repair and maintenance of farm machinery and implements |    |     |    |     |    |    |    |   |   |    |     |    |     |
| Nursery Management of Horticulture crops                | 1  | 7   | 2  | 9   | 4  | 2  | 6  | 1 |   | 1  | 12  | 4  | 16  |
| Training and pruning of orchards                        |    |     |    |     |    |    |    |   |   |    |     |    |     |
| Value addition  |    |     |    |     |    |    |    |   |   |    |     |    |     |
| Production of quality animal products                   |    |     |    |     |    |    |    |   |   |    |     |    |     |
| Dairying  |    |     |    |     |    |    |    |   |   |    |     |    |     |
| Sheep and goat rearing                                  |    |     |    |     |    |    |    |   |   |    |     |    |     |
| Quail farming   |    |     |    |     |    |    |    |   |   |    |     |    |     |
| Piggery   |    |     |    |     |    |    |    |   |   |    |     |    |     |
| Rabbit farming  |    |     |    |     |    |    |    |   |   |    |     |    |     |
| Poultry production                                      |    |     |    |     |    |    |    |   |   |    |     |    |     |
| Ornamental fisheries                                    |    |     |    |     |    |    |    |   |   |    |     |    |     |
| Para vets   |    |     |    |     |    |    |    |   |   |    |     |    |     |
| Para extension workers                                  |    |     |    |     |    |    |    |   |   |    |     |    |     |
| Composite fish culture                                  |    |     |    |     |    |    |    |   |   |    |     |    |     |
| Freshwater prawn culture                                |    |     |    |     |    |    |    |   |   |    |     |    |     |
| Shrimp farming  |    |     |    |     |    |    |    |   |   |    |     |    |     |
| Pearl culture   |    |     |    |     |    |    |    |   |   |    |     |    |     |
| . 55 54   |    |     |    |     |    |    |    |   |   |    |     |    |     |

| Cold water fisheries  |   |    |     |    |     |   |    |   |   |   |    |    |    |
|---|---|----|-----|----|-----|---|----|---|---|---|----|----|----|
| Fish harvest and processing technology  |   |    |     |    |     |   |    |   |   |   |    |    |    |
| Fry and fingerling rearing  |   |    |     |    |     |   |    |   |   |   |    |    |    |
| Small scale processing  |   |    |     |    |     |   |    |   |   |   |    |    |    |
| Post Harvest Technology   |   |    |     |    |     |   |    |   |   |   |    |    |    |
| Tailoring and Stitching   |   |    |     |    |     |   |    |   |   |   |    |    |    |
| Rural Crafts  |   |    |     |    |     |   |    |   |   |   |    |    |    |
| Others, if any  |   |    |     |    |     |   |    |   |   |   |    |    |    |
| TOTAL   | 3 | 25 | 6   | 31 | 9   | 5 | 14 | 2 | 0 | 2 | 36 | 11 | 47 |
| (C) Extension Personnel   |   |    |     |    |     |   |    |   |   |   |    |    |    |
| Productivity enhancement in field crops   | 2 | 11 | 2   | 13 | 4   | 2 | 6  | 1 | 1 | 2 | 16 | 5  | 21 |
| Integrated Pest Management  |   |    |     |    |     |   |    |   |   |   |    |    |    |
| Integrated Nutrient management  | 2 | 9  | 5   | 14 | 4   | 2 | 6  |   |   | 0 | 13 | 7  | 20 |
| Rejuvenation of old orchards  | 1 | 10 | 3   | 13 | 5   | 1 | 6  | 1 |   | 1 | 16 | 4  | 20 |
| Protected cultivation technology  |   |    |     |    |     |   |    |   |   |   |    |    |    |
| Formation and Management of SHGs  |   |    |     |    |     |   |    |   |   |   |    |    |    |
| Group Dynamics and farmers organization   | 1 | 9  | 4   | 13 | 2   | 1 | 3  | 1 | 1 | 2 | 12 | 6  | 18 |
| Information networking among farmers  |   |    |     |    |     |   |    |   |   |   |    |    |    |
| Capacity building for ICT application Care and maintenance of farm machinery and implements |   |    |     |    |     |   |    |   |   |   |    |    |    |
| WTO and IPR issues  |   |    |     |    |     |   |    |   |   |   |    |    |    |
| Management in farm animals  |   |    |     |    |     |   |    |   |   |   |    |    |    |
| Livestock feed and fodder production  |   |    |     |    |     |   |    |   |   |   |    |    |    |
| Household food security   |   |    |     |    |     |   |    |   |   |   |    |    |    |
| Women and Child care  |   |    |     |    |     |   |    |   |   |   |    |    |    |
| Low cost and nutrient efficient diet designing  |   |    |     |    |     |   |    |   |   |   |    |    |    |
| Production and use of organic inputs  |   |    |     |    |     |   |    |   |   |   |    |    |    |
| Gender mainstreaming through SHGs   |   |    |     |    |     |   |    |   |   |   |    |    |    |
| Any other (Pl. Specify)   |   | 20 | 4.4 |    | 4.5 | _ | 04 | 0 |   |   |    |    | 70 |
| TOTAL   | 6 | 39 | 14  | 53 | 15  | 6 | 21 | 3 | 2 | 5 | 57 | 22 | 79 |

| Thematic Area   | (0                |     |       | No  | o. of F | Participa | nts      |    |    |     | Grand Total |    |     |
|---|-------------------|-----|-------|-----|---------|-----------|----------|----|----|-----|-------------|----|-----|
|   | No. of<br>Courses |     | Other |     |         | SC        |          |    | ST |     |             |    |     |
|   | Col               | М   | F     | Т   | М       | F         | Т        | М  | F  | Т   | М           | F  | Т   |
| (A) Farmers & Farm Women                              |                   |     |       |     |         |           |          |    |    |     |             |    |     |
| I Crop Production                                     |                   |     |       |     |         |           |          |    |    |     |             |    |     |
| Weed Management                                       | 8                 | 28  | 8     | 36  | 4       | 2         | 6        | 2  | 1  | 3   | 34          | 11 | 45  |
| Resource Conservation                                 |                   |     |       |     |         |           |          |    |    |     |             |    |     |
| Technologies  | _                 | 40  |       | 0.4 |         |           |          | 4  |    |     |             |    |     |
| Cropping Systems                                      | 5                 | 18  | 6     | 24  | 3       | 1         | 4        | 1  | 4  | 1   | 22          | 7  | 29  |
| Crop Diversification                                  | 2                 | 22  | 4     | 26  | 4       | 2         | 6        | 1  | 1  | 2   | 27          | 7  | 34  |
| Integrated Farming                                    | 5                 | 26  | 6     | 32  | 4       | 3         | 7        | 2  | 1  | 3   | 32          | 10 | 42  |
| Water management                                      |                   |     |       |     |         |           |          |    |    |     |             |    |     |
| Seed production                                       | 6                 | 26  | 6     | 32  | 5       | 2         | 7        | 1  |    | 1   | 32          | 8  | 40  |
| Nursery management                                    | 2                 | 25  | 5     | 30  | 4       | 3         | 7        | 2  | 2  | 4   | 31          | 10 | 41  |
| Integrated Crop Management                            | 5                 | 27  | 7     | 34  | 3       | 2         | 5        | 2  | 1  | 3   | 32          | 10 | 42  |
| Fodder production                                     |                   |     |       |     |         |           |          |    |    |     |             |    |     |
| Production of organic inputs                          |                   |     |       |     |         |           |          |    |    |     |             |    |     |
| Others, (cultivation of crops)                        |                   |     |       |     |         |           |          |    |    |     |             |    |     |
| Total   | 33                | 172 | 42    | 214 | 27      | 15        | 42       | 11 | 6  | 17  | 210         | 63 | 273 |
| II Horticulture                                       |                   |     |       |     |         |           |          |    |    |     |             |    |     |
| a) Vegetable Crops                                    |                   |     |       |     |         |           |          |    |    |     |             |    |     |
| Production of low volume and high                     | 5                 | 22  | 8     | 30  | 3       | 2         | 5        | 1  | 1  | 2   | 26          | 11 | 37  |
| value crops Off-season vegetables                     | 6                 | 25  | 4     | 29  | 4       | 2         | 6        | 2  | 1  | 3   | 31          | 7  | 38  |
| Nursery raising                                       | 5                 | 26  | 7     | 33  | 3       | 2         | 5        | 2  | '  | 2   | 31          | 9  | 40  |
| Exotic vegetables like Broccoli                       | 3                 | 24  | 4     | 28  | 4       | 1         | 5        | 1  | 1  | 2   | 29          | 6  | 35  |
| Export potential vegetables                           | 3                 | 24  | 4     | 20  | 4       | '         | <u> </u> | '  |    |     | 29          | 0  | 33  |
| Grading and standardization                           | 4                 | 21  | 7     | 28  | 5       | 2         | 7        |    |    | 0   | 26          | 0  | 25  |
|   |                   |     | 7     | 27  |         |           | 7        |    | 4  | 0   |             | 9  | 35  |
| Protective cultivation (Green Houses, Shade Net etc.) | 6                 | 20  | 7     | 21  | 4       | 3         | ,        | 2  | 1  | 3   | 26          | 11 | 37  |
| Others, if any (Cultivation of                        |                   |     |       |     |         |           |          |    |    |     |             |    |     |
| Vegetable) Training and Pruning                       |                   |     |       |     |         |           |          |    |    |     |             |    |     |
| b) Fruits   |                   |     |       |     |         |           |          |    |    |     |             |    |     |
| Layout and Management of                              | 2                 | 23  | 6     | 29  | 4       | 3         | 7        | 1  | 1  | 2   | 28          | 10 | 38  |
| Orchards  | _                 | 23  | O     | 23  | -       | 3         | •        | '  | '  | _   | 20          | 10 | 30  |
| Cultivation of Fruit                                  |                   |     |       |     |         |           |          |    |    |     |             |    |     |
| Management of young plants/orchards                   |                   |     |       |     |         |           |          |    |    |     |             |    |     |
| Rejuvenation of old orchards                          |                   |     |       |     |         |           |          |    |    |     |             |    |     |
| Export potential fruits                               |                   |     |       |     |         |           |          |    |    |     |             |    |     |
| Micro irrigation systems of orchards                  |                   |     |       |     |         |           |          |    |    |     |             |    |     |
| Plant propagation techniques                          |                   |     |       |     |         |           |          |    |    |     |             |    |     |
| Others, if any  |                   |     |       |     |         |           |          |    |    |     |             |    |     |
| Total   | 31                | 161 | 43    | 204 | 27      | 15        | 42       | 9  | 5  | 14  | 197         | 63 | 260 |
| c) Ornamental Plants                                  | -                 |     |       |     |         |           |          |    |    | · · |             |    |     |
| Nursery Management                                    |                   |     |       |     |         |           |          |    |    |     |             |    |     |
|   |                   |     |       |     |         |           |          |    |    |     |             |    |     |

| Management of potted plants                | 1        |     |    |     |    |    |     |   |   |   |     |    |     |
|--|----------|-----|----|-----|----|----|-----|---|---|---|-----|----|-----|
| Export potential of ornamental             |          |     |    |     |    |    |     |   |   |   |     |    |     |
| plants                                     |          |     |    |     |    |    |     |   |   |   |     |    |     |
| Propagation techniques of                  |          |     |    |     |    |    |     |   |   |   |     |    |     |
| Ornamental Plants                          |          |     |    |     |    |    |     |   |   |   |     |    |     |
| Others, if any                             |          |     |    |     |    |    |     |   |   |   |     |    |     |
| d) Plantation crops                        |          |     |    |     |    |    |     |   |   |   |     |    |     |
| Production and Management technology       |          |     |    |     |    |    |     |   |   |   |     |    |     |
| Processing and value addition              |          |     |    |     |    |    |     |   |   |   |     |    |     |
| Others, if any                             |          |     |    |     |    |    |     |   |   |   |     |    |     |
| e) Tuber crops                             |          |     |    |     |    |    |     |   |   |   |     |    |     |
| Production and Management technology       |          |     |    |     |    |    |     |   |   |   |     |    |     |
| Processing and value addition              |          |     |    |     |    |    |     |   |   |   |     |    |     |
| Others, if any                             |          |     |    |     |    |    |     |   |   |   |     |    |     |
| f) Spices                                  |          |     |    |     |    |    |     |   |   |   |     |    |     |
| Production and Management technology       |          |     |    |     |    |    |     |   |   |   |     |    |     |
| Processing and value addition              |          |     |    |     |    |    |     |   |   |   |     |    |     |
| Others, if any                             |          |     |    |     |    |    |     |   |   |   |     |    |     |
| g) Medicinal and Aromatic Plants           |          |     |    |     |    |    |     |   |   |   |     |    |     |
| Nursery management                         |          |     |    |     |    |    |     |   |   |   |     |    |     |
| Production and management technology       |          |     |    |     |    |    |     |   |   |   |     |    |     |
| Post harvest technology and value addition |          |     |    |     |    |    |     |   |   |   |     |    |     |
| Others, if any                             |          |     |    |     |    |    |     |   |   |   |     |    |     |
| III Soil Health and Fertility Management   |          |     |    |     |    |    |     |   |   |   |     |    |     |
| Soil fertility management                  | 6        | 23  | 8  | 31  | 9  | 2  | 11  | 1 |   | 1 | 33  | 10 | 43  |
| Soil and Water Conservation                |          |     |    |     |    |    |     |   |   |   |     |    | 0   |
| Integrated Nutrient Management             | 5        | 18  | 4  | 22  | 12 | 2  | 14  |   |   | 0 | 30  | 6  | 36  |
| Production and use of organic inputs       | 5        | 13  | 6  | 19  | 14 | 7  | 21  | 1 | 1 | 2 | 28  | 14 | 42  |
| Management of Problematic soils            | 2        | 22  | 6  | 28  | 18 | 3  | 21  | 1 | 1 | 2 | 41  | 10 | 51  |
| Micro nutrient deficiency in crops         | 8        | 30  | 3  | 33  | 13 | 4  | 17  |   |   | 0 | 43  | 7  | 50  |
| Nutrient Use Efficiency                    | 6        | 22  | 4  | 26  | 18 | 2  | 20  |   |   | 0 | 40  | 6  | 46  |
| Soil and Water Testing                     | 1        | 24  | 2  | 26  | 14 | 3  | 17  | 1 | 1 | 2 | 39  | 6  | 45  |
| Others, if any                             | <u> </u> |     |    | 0   |    |    | 0   |   | • | 0 | 0   | 0  | 0   |
| , ··,                                      | 33       | 152 | 33 | 185 | 98 | 23 | 121 | 4 | 3 | 7 | 254 | 59 | 313 |
| IV Livestock Production and                | 50       | 102 |    |     | 55 |    | 121 | T |   |   | _0¬ |    | 3.0 |
| Management                                 |          |     |    |     |    |    |     |   |   |   |     |    |     |
| Dairy Management                           |          |     |    |     |    |    |     |   |   |   |     |    |     |
| Poultry Management                         |          |     |    |     |    |    |     |   |   |   |     |    |     |
| Piggery Management                         |          |     |    |     |    |    |     |   |   |   |     |    |     |
| Rabbit Management                          |          |     |    |     |    |    |     |   |   |   |     |    |     |
| Disease Management                         |          |     |    |     |    |    |     |   |   |   |     |    |     |
| Feed management                            |          |     |    |     |    |    |     |   |   |   |     |    |     |
| Production of quality animal products      |          |     |    |     |    |    |     |   |   |   |     |    |     |

| Others, if any Goat farming   |    |   |     |     |   |     |     |   |     |    |   |    |          |
|---|----|---|-----|-----|---|-----|-----|---|-----|----|---|----|----------|
| V Home Science/Women  |    |   |     |     |   |     |     |   |     |    |   |    |          |
| empowerment   |    |   |     |     |   |     |     |   |     |    |   |    |          |
| Household food security by kitchen gardening and nutrition gardening                          | 7  |   | 21  | 21  |   | 15  | 15  |   | 2   | 2  | 0 | 38 | 38       |
| Design and development of low/minimum cost diet   | 5  |   | 24  | 24  |   | 16  | 16  |   | 2   | 2  | 0 | 42 | 42       |
| Designing and development for   | 3  |   | 32  | 32  |   | 27  | 27  |   | 1   | 1  | 0 | 60 | 60       |
| high nutrient efficiency diet  Minimization of nutrient loss in processing                    | 8  |   | 28  | 28  |   | 26  | 26  |   | 3   | 3  | 0 | 57 | 57       |
| Gender mainstreaming through SHGs   | 10 |   | 32  | 32  |   | 20  | 20  |   | 5   | 5  | 0 | 57 | 57       |
| Storage loss minimization   |    |   |     | 0   |   |     | 0   |   |     | 0  | 0 | 0  | 0        |
| techniques Value addition   | 12 |   | 22  | 22  |   | 12  | 12  |   | 2   | 2  | 0 | 36 | 36       |
| Income generation activities for  | 7  |   | 18  | 18  |   | 14  | 14  |   |     | 0  | 0 | 32 | 32       |
| empowerment of rural Women  | ,  |   | 10  | 10  |   | 14  | 17  |   |     | Ů  | 0 | 52 | 0        |
| Location specific drudgery reduction technologies   |    |   |     |     |   |     |     |   |     |    |   |    | U        |
| Rural Crafts  |    |   |     |     |   |     |     |   |     |    |   |    | 0        |
| Women and child care  | 5  |   | 36  | 36  |   | 24  | 24  |   |     | 0  | 0 | 60 | 60       |
| Others, if any  |    |   |     |     |   |     |     |   |     |    |   |    | 0        |
| Total   | 57 | 0 | 213 | 213 | 0 | 154 | 154 | 0 | 15  | 15 | 0 | 38 | 382      |
|   |    |   | 210 | 210 |   |     | 101 |   | -10 |    |   | 2  | 002      |
| VI Agril. Engineering   |    |   |     |     |   |     |     |   |     |    |   |    |          |
| Installation and maintenance of micro irrigation systems Use of Plastics in farming practices |    |   |     |     |   |     |     |   |     |    |   |    |          |
| Production of small tools and implements  |    |   |     |     |   |     |     |   |     |    |   |    |          |
| Repair and maintenance of farm machinery and implements                                       |    |   |     |     |   |     |     |   |     |    |   |    |          |
| Small scale processing and value addition   |    |   |     |     |   |     |     |   |     |    |   |    |          |
| Post Harvest Technology   |    |   |     |     |   |     |     |   |     |    |   |    |          |
| Others, if any  |    |   |     |     |   |     |     |   |     |    |   |    |          |
| VII Plant Protection  |    |   |     |     |   |     |     |   |     |    |   |    |          |
| Integrated Pest Management  |    |   |     |     |   |     |     |   |     |    |   |    |          |
| Integrated Disease Management   |    |   |     |     |   |     |     |   |     |    |   |    |          |
| Bio-control of pests and diseases   |    |   |     |     |   |     |     |   |     |    |   |    |          |
| Production of bio control agents  |    |   |     |     |   |     |     |   |     |    |   |    |          |
| and bio pesticides Others, if any   |    |   |     |     |   |     |     |   |     |    |   |    |          |
| VIII Fisheries  |    |   |     |     |   |     |     |   |     |    |   |    |          |
|   |    |   |     |     |   |     |     |   |     |    |   |    |          |
| Integrated fish farming   |    |   |     |     |   |     |     |   |     |    |   |    | <u> </u> |
| Carp breeding and hatchery management   |    |   |     |     |   |     |     |   |     |    |   |    |          |
| Carp fry and fingerling rearing   |    |   |     |     |   |     |     |   |     |    |   |    |          |
| Composite fish culture  |    |   |     |     |   |     |     |   |     |    |   |    |          |
| Hatchery management and culture of freshwater prawn   |    |   |     |     |   |     |     |   |     |    |   |    |          |
| Breeding and culture of ornamental fishes   |    |   |     |     |   |     |     |   |     |    |   |    |          |

| Portoble plactic corp betchery                                | l  |     |    |     | 1  |    |      |   |   |   |      | 1   |    |
|---|----|-----|----|-----|----|----|------|---|---|---|------|-----|----|
| Portable plastic carp hatchery  Pen culture of fish and prawn |    |     |    |     |    |    |      |   |   |   |      |     |    |
| <u>'</u>  |    |     |    |     |    |    |      |   |   |   |      |     |    |
| Shrimp farming  |    |     |    |     |    |    |      |   |   |   |      |     |    |
| Edible oyster farming   |    |     |    |     |    |    |      |   |   |   |      |     |    |
| Pearl culture   |    |     |    |     |    |    |      |   |   |   |      |     |    |
| Fish processing and value addition                            |    |     |    |     |    |    |      |   |   |   |      |     |    |
| Others, if any  |    |     |    |     |    |    |      |   |   |   |      |     |    |
| IX Production of Inputs at site                               |    |     |    |     |    |    |      |   |   |   |      |     |    |
| Seed Production   |    |     |    |     |    |    |      |   |   |   |      |     |    |
| Planting material production                                  |    |     |    |     |    |    |      |   |   |   |      |     |    |
| Bio-agents production   |    |     |    |     |    |    |      |   |   |   |      |     |    |
| Bio-pesticides production                                     |    |     |    |     |    |    |      |   |   |   |      |     |    |
| Bio-fertilizer production                                     |    |     |    |     |    |    |      |   |   |   |      |     |    |
| Vermi-compost production                                      |    |     |    |     |    |    |      |   |   |   |      |     |    |
| Organic manures production                                    |    |     |    |     |    |    |      |   |   |   |      |     |    |
| Production of fry and fingerlings                             |    |     |    |     |    |    |      |   |   |   |      |     |    |
| Production of Bee-colonies and wax sheets                     |    |     |    |     |    |    |      |   |   |   |      |     |    |
| Small tools and implements                                    |    |     |    |     |    |    |      |   |   |   |      |     |    |
| Production of livestock feed and fodder                       |    |     |    |     |    |    |      |   |   |   |      |     |    |
| Production of Fish feed                                       |    |     |    |     |    |    |      |   |   |   |      |     |    |
| Others, if any  |    |     |    |     |    |    |      |   |   |   |      |     |    |
| X Capacity Building and Group                                 |    |     |    |     |    |    |      |   |   |   |      |     |    |
| Dynamics  |    |     |    | 40  |    |    | - 10 |   |   |   | - 40 | 4.0 |    |
| Leadership development  | 15 | 32  | 11 | 43  | 8  | 4  | 12   | 2 | 1 | 3 | 42   | 16  | 58 |
| Group dynamics  | 6  | 45  | 7  | 52  | 11 | 2  | 13   | 1 | 1 | 2 | 57   | 10  | 67 |
| Formation and Management of SHGs                              | 8  | 22  | 8  | 30  | 6  | 4  | 10   | 1 | 1 | 2 | 29   | 13  | 42 |
| Mobilization of social capital                                |    |     |    |     |    |    |      |   |   |   |      |     |    |
| Entrepreneurial development of                                | 10 | 25  | 9  | 34  | 7  | 2  | 9    | 1 | 1 | 2 | 33   | 12  | 45 |
| farmers/youths  |    |     |    |     |    |    |      |   |   |   |      |     |    |
| WTO and IPR issues  | 2  | 37  | 14 | 51  | 8  | 2  | 10   |   |   | 0 | 45   | 16  | 61 |
| Others, if any  |    |     |    | 0   |    |    | 0    |   |   | 0 | 0    | 0   | 0  |
| Total   | 41 | 161 | 49 | 210 | 40 | 14 | 54   | 5 | 4 | 9 | 206  | 67  | 0  |
| XI Agro-forestry  |    |     |    |     |    |    |      |   |   |   |      |     |    |
| Production technologies                                       |    |     |    |     |    |    |      |   |   |   |      |     |    |
| Nursery management  |    |     |    |     |    |    |      |   |   |   |      |     |    |
| Integrated Farming Systems                                    |    |     |    |     |    |    |      |   |   |   |      |     |    |
| XII Others (Pl. Specify)                                      |    |     |    |     |    |    |      |   |   |   |      |     |    |
| TOTAL   |    |     |    |     |    |    |      |   |   |   |      |     |    |
| (B) RURAL YOUTH   |    |     |    |     |    |    |      |   |   |   |      |     |    |
| Mushroom Production   | 1  | 10  | 4  | 14  | 3  | 2  | 5    | 1 | 1 | 2 | 14   | 7   | 21 |
| Bee-keeping   |    |     |    |     |    |    |      |   |   |   |      |     |    |
| Integrated farming  |    |     |    |     |    |    |      |   |   |   |      |     |    |
| Seed production   |    |     |    |     |    |    |      |   |   |   |      |     |    |
| Production of organic inputs                                  | 2  | 9   | 2  | 11  | 4  | 3  | 7    | 1 | 1 | 2 | 14   | 6   | 20 |
| Integrated Farming  |    |     |    |     |    |    |      |   |   |   |      |     |    |

| Planting material production                            | 1  | 12 | 2  | 14 | 4  | 2  | 6  | 1 | 1 | 2  | 17 | 5  | 22         |
|---|----|----|----|----|----|----|----|---|---|----|----|----|------------|
| Vermi-culture   | 2  | 8  | 2  | 10 | 4  | 1  | 5  |   |   | 0  | 12 | 3  | 15         |
| Sericulture   |    |    |    |    |    |    |    |   |   |    |    |    | , <u> </u> |
| Protected cultivation of vegetable                      |    |    |    |    |    |    |    |   |   |    |    |    |            |
| crops   |    |    |    |    |    |    |    |   |   |    |    |    |            |
| Commercial fruit production                             |    |    |    |    |    |    |    |   |   |    |    |    |            |
| Repair and maintenance of farm machinery and implements |    |    |    |    |    |    |    |   |   |    |    |    |            |
| Nursery Management of<br>Horticulture crops             | 1  | 9  | 4  | 13 | 5  | 1  | 6  | 1 | 1 | 2  | 15 | 6  | 21         |
| Training and pruning of orchards                        |    |    |    |    |    |    |    |   |   |    |    |    |            |
| Value addition  |    |    |    |    |    |    |    |   |   |    |    |    | Ì          |
| Production of quality animal products                   |    |    |    |    |    |    |    |   |   |    |    |    |            |
| Dairying  |    |    |    |    |    |    |    |   |   |    |    |    |            |
| Sheep and goat rearing                                  |    |    |    |    |    |    |    |   |   |    |    |    |            |
| Quail farming   |    |    |    |    |    |    |    |   |   |    |    |    |            |
| Piggery   |    |    |    |    |    |    |    |   |   |    |    |    |            |
| Rabbit farming  |    |    |    |    |    |    |    |   |   |    |    |    |            |
| Poultry production                                      | 1  | 8  | 3  | 11 | 4  | 2  | 6  | 2 | 1 | 3  | 14 | 6  | 20         |
| Ornamental fisheries                                    |    |    |    |    |    |    |    |   |   |    |    |    |            |
| Para vets   |    |    |    |    |    |    |    |   |   |    |    |    |            |
| Para extension workers                                  |    |    |    |    |    |    |    |   |   |    |    |    |            |
| Composite fish culture                                  |    |    |    |    |    |    |    |   |   |    |    |    |            |
| Freshwater prawn culture                                |    |    |    |    |    |    |    |   |   |    |    |    |            |
| Shrimp farming  |    |    |    |    |    |    |    |   |   |    |    |    |            |
| Pearl culture   |    |    |    |    |    |    |    |   |   |    |    |    |            |
| Cold water fisheries                                    |    |    |    |    |    |    |    |   |   |    |    |    |            |
| Fish harvest and processing technology                  |    |    |    |    |    |    |    |   |   |    |    |    |            |
| Fry and fingerling rearing                              |    |    |    |    |    |    |    |   |   |    |    |    |            |
| Small scale processing                                  |    |    |    |    |    |    |    |   |   |    |    |    |            |
| Post Harvest Technology                                 |    |    |    |    |    |    |    |   |   |    |    |    |            |
| Tailoring and Stitching                                 | 2  | 7  | 5  | 12 | 4  | 2  | 6  | 1 | 1 | 2  | 12 | 8  | 20         |
| Rural Crafts  |    |    |    |    |    |    |    |   |   |    |    |    |            |
| Others, if any  |    |    |    |    |    |    |    |   |   |    |    |    |            |
| TOTAL   | 10 | 63 | 22 | 85 | 28 | 13 | 41 | 7 | 6 | 13 | 98 | 41 | 139        |
| (C) Extension Personnel                                 |    |    |    |    |    |    |    |   |   |    |    |    |            |
| Productivity enhancement in field crops                 | 5  | 15 | 2  | 17 | 4  | 2  | 6  | 1 | 1 | 2  | 20 | 5  | 25         |
| Integrated Pest Management                              |    |    |    |    |    |    |    |   |   |    |    |    |            |
| Integrated Nutrient management                          | 4  | 12 | 6  | 18 | 9  | 4  | 13 |   |   | 0  | 21 | 10 | 31         |
| Rejuvenation of old orchards                            | 4  | 10 | 3  | 13 | 5  | 4  | 9  | 1 | 1 | 2  | 16 | 8  | 24         |
| Protected cultivation technology                        |    |    |    |    |    |    |    |   |   |    |    |    |            |
| Formation and Management of SHGs                        |    |    |    |    |    |    |    |   |   |    |    |    |            |
| Group Dynamics and farmers organization                 |    |    |    |    |    |    |    |   |   |    |    |    |            |
| Information networking among                            |    |    |    |    |    |    |    |   |   |    |    |    |            |

| farmers   |    |    |    |    |    |    |    |   |   |   |    |    |     |
|---|----|----|----|----|----|----|----|---|---|---|----|----|-----|
| Capacity building for ICT application                 |    |    |    |    |    |    |    |   |   |   |    |    |     |
| Care and maintenance of farm machinery and implements |    |    |    |    |    |    |    |   |   |   |    |    |     |
| WTO and IPR issues                                    |    |    |    |    |    |    |    |   |   |   |    |    |     |
| Livestock feed and fodder production                  |    |    |    |    |    |    |    |   |   |   |    |    |     |
| Household food security                               |    |    |    |    |    |    |    |   |   |   |    |    |     |
| Women and Child care                                  | 1  |    | 11 | 11 |    | 6  | 6  |   | 3 | 3 | 0  | 20 | 20  |
| Low cost and nutrient efficient diet designing        |    |    |    |    |    |    |    |   |   |   |    |    |     |
| Production and use of organic inputs                  | 2  | 10 | 3  | 13 | 5  | 2  | 7  |   |   | 0 | 15 | 5  | 20  |
| Gender mainstreaming through SHGs                     | 2  | 8  | 8  | 16 | 2  | 2  | 4  |   |   | 0 | 10 | 10 | 20  |
| Any other (Pl. Specify)                               |    |    |    | 0  |    |    | 0  |   |   | 0 | 0  | 0  | 0   |
| TOTAL   | 18 | 55 | 33 | 88 | 25 | 20 | 45 | 2 | 5 | 7 | 82 | 58 | 140 |

# C) Consolidated table (ON and OFF Campus)

|  |                   |    |    | No. | of Pa | rticipaı | nts |   | No. of Participants |   |    |    |    |  |  |  |  |  |  |  |
|--|-------------------|----|----|-----|-------|----------|-----|---|---------------------|---|----|----|----|--|--|--|--|--|--|--|
| Thematic Area                            | No. of<br>Courses |    |    | sc  |       |          | ST  |   | - Grand Total       |   |    |    |    |  |  |  |  |  |  |  |
|  |                   | М  | F  | Т   | М     | F        | T   | М | F                   | T | М  | F  | T  |  |  |  |  |  |  |  |
|  |                   |    |    |     |       |          |     |   |                     |   |    |    |    |  |  |  |  |  |  |  |
| (A) Farmers & Farm Women                 |                   |    |    |     |       |          |     |   |                     |   |    |    |    |  |  |  |  |  |  |  |
| I Crop Production                        |                   |    |    |     |       |          |     |   |                     |   |    |    |    |  |  |  |  |  |  |  |
| Weed Management                          | 11                | 44 | 12 | 56  | 7     | 3        | 10  | 3 | 1                   | 4 | 54 | 16 | 70 |  |  |  |  |  |  |  |
| Resource<br>Conservation<br>Technologies | 2                 | 20 | 3  | 23  | 3     | 1        | 4   | 2 | 0                   | 2 | 25 | 4  | 29 |  |  |  |  |  |  |  |
| Cropping Systems                         | 10                | 37 | 12 | 49  | 7     | 3        | 10  | 1 | 0                   | 1 | 45 | 15 | 60 |  |  |  |  |  |  |  |
| Crop Diversification                     | 3                 | 33 | 6  | 39  | 8     | 3        | 11  | 3 | 3                   | 6 | 44 | 12 | 56 |  |  |  |  |  |  |  |
| Integrated Farming                       | 8                 | 49 | 12 | 61  | 6     | 4        | 10  | 3 | 2                   | 5 | 58 | 18 | 76 |  |  |  |  |  |  |  |
| Water management                         | 2                 | 18 | 4  | 22  | 2     | 2        | 4   | 1 | 0                   | 1 | 21 | 6  | 27 |  |  |  |  |  |  |  |
| Seed production                          | 8                 | 48 | 10 | 58  | 6     | 2        | 8   | 1 | 0                   | 1 | 55 | 12 | 67 |  |  |  |  |  |  |  |
| Nursery management                       | 4                 | 41 | 8  | 49  | 6     | 4        | 10  | 4 | 2                   | 6 | 51 | 14 | 65 |  |  |  |  |  |  |  |
| Integrated Crop<br>Management            | 10                | 45 | 8  | 53  | 5     | 4        | 9   | 3 | 1                   | 4 | 53 | 13 | 66 |  |  |  |  |  |  |  |
| Fodder production                        |                   |    |    |     |       |          |     |   |                     |   |    |    |    |  |  |  |  |  |  |  |
| Production of organic inputs             |                   |    |    |     |       |          |     |   |                     |   |    |    |    |  |  |  |  |  |  |  |
| Others, (cultivation of crops)           |                   |    |    |     |       |          |     |   |                     |   |    |    |    |  |  |  |  |  |  |  |
| II Horticulture                          |                   |    |    |     |       |          |     |   |                     |   |    |    |    |  |  |  |  |  |  |  |
| a) Vegetable Crops                       |                   |    |    |     |       |          |     |   |                     |   |    |    |    |  |  |  |  |  |  |  |

| Production of low volume and high value crops               | 7 | 40 | 11 | 51 | 5 | 3 | 8  | 2 | 1 | 3 | 47 | 15 | 62 |
|---|---|----|----|----|---|---|----|---|---|---|----|----|----|
| Off-season vegetables                                       | 9 | 39 | 6  | 45 | 5 | 3 | 8  | 3 | 2 | 5 | 47 | 11 | 58 |
| Nursery raising   | 9 | 43 | 9  | 52 | 5 | 3 | 8  | 2 | 0 | 2 | 50 | 12 | 62 |
| Exotic vegetables like<br>Broccoli                          | 7 | 42 | 6  | 48 | 5 | 2 | 7  | 1 | 1 | 2 | 48 | 9  | 57 |
| Export potential vegetables                                 | 2 | 16 | 3  | 19 | 2 | 2 | 4  | 1 |   | 1 | 19 | 5  | 24 |
| Grading and standardization                                 | 9 | 50 | 13 | 63 | 9 | 5 | 14 | 2 | 0 | 2 | 61 | 18 | 79 |
| Protective cultivation<br>(Green Houses, Shade<br>Net etc.) | 6 | 20 | 7  | 27 | 4 | 3 | 7  | 2 | 1 | 3 | 26 | 11 | 37 |
| Others, if any<br>(Cultivation of<br>Vegetable)             |   |    |    |    |   |   |    |   |   |   |    |    |    |
| Training and Pruning  |   |    |    |    |   |   |    |   |   |   |    |    |    |
| b) Fruits   |   |    |    |    |   |   |    |   |   |   |    |    |    |
| Layout and<br>Management of<br>Orchards                     |   | 39 | 10 | 49 | 6 | 4 | 10 | 2 | 2 | 4 | 47 | 16 | 63 |
| Cultivation of Fruit  | 2 | 14 | 4  | 18 | 2 | 2 | 4  | 1 | 1 | 2 | 17 | 7  | 24 |
| Management of young plants/orchards                         | 2 | 18 | 2  | 20 | 1 | 1 | 2  |   |   | 0 | 19 | 3  | 22 |
| Rejuvenation of old orchards                                |   |    |    |    |   |   |    |   |   |   |    |    |    |
| Export potential fruits                                     | 2 | 20 | 3  | 23 | 1 | 1 | 2  | 1 |   | 1 | 22 | 4  | 26 |
| Micro irrigation systems of orchards                        | 1 | 17 | 4  | 21 | 2 | 1 | 3  | 1 |   | 1 | 20 | 5  | 25 |
| Plant propagation techniques                                | 2 | 16 | 2  | 18 | 2 |   | 2  |   |   | 0 | 18 | 2  | 20 |
| Others, if any  |   |    |    |    |   |   |    |   |   |   |    |    |    |
| c) Ornamental Plants  |   |    |    |    |   |   |    |   |   |   |    |    |    |
| Nursery Management Management of potted plants              |   |    |    |    |   |   |    |   |   |   |    |    |    |
| Export potential of ornamental plants                       |   |    |    |    |   |   |    |   |   |   |    |    |    |
| Propagation<br>techniques of<br>Ornamental Plants           |   |    |    |    |   |   |    |   |   |   |    |    |    |
| Others, if any  |   |    |    |    |   |   |    |   |   |   |    |    |    |
| d) Plantation crops   |   |    |    |    |   |   |    |   |   |   |    |    |    |
| Production and<br>Management<br>technology                  |   |    |    |    |   |   |    |   |   |   |    |    |    |
| Processing and value addition                               |   |    |    |    |   |   |    |   |   |   |    |    |    |
| Others, if any  |   |    |    |    |   |   |    |   |   |   |    |    |    |
| e) Tuber crops  |   |    |    |    |   |   |    |   |   |   |    |    |    |
| Production and<br>Management<br>technology                  |   |    |    |    |   |   |    |   |   |   |    |    |    |

| Processing and value addition                      |    |    |     |    |    |    |    |   |   |   |    |    |    |
|--|----|----|-----|----|----|----|----|---|---|---|----|----|----|
| Others, if any                                     |    |    |     |    |    |    |    |   |   |   |    |    |    |
| f) Spices  |    |    |     |    |    |    |    |   |   |   |    |    |    |
| Production and<br>Management<br>technology         |    |    |     |    |    |    |    |   |   |   |    |    |    |
| Processing and value addition                      |    |    |     |    |    |    |    |   |   |   |    |    |    |
| Others, if any                                     |    |    |     |    |    |    |    |   |   |   |    |    |    |
| g) Medicinal and<br>Aromatic Plants                |    |    |     |    |    |    |    |   |   |   |    |    |    |
| Nursery management                                 |    |    |     |    |    |    |    |   |   |   |    |    |    |
| Production and management technology  Post harvest |    |    |     |    |    |    |    |   |   |   |    |    |    |
| technology and value addition                      |    |    |     |    |    |    |    |   |   |   |    |    |    |
| Others, if any                                     |    |    |     |    |    |    |    |   |   |   |    |    |    |
| III Soil Health and<br>Fertility Management        |    |    |     |    |    |    |    |   |   |   |    |    |    |
| Soil fertility management                          | 10 | 39 | 14  | 53 | 12 | 4  | 16 | 2 | 0 | 2 | 53 | 18 | 71 |
| Soil and Water<br>Conservation                     |    |    |     |    |    |    |    |   |   |   |    |    |    |
| Integrated Nutrient Management                     | 10 | 36 | 7   | 43 | 16 | 3  | 19 | 1 | 0 | 1 | 53 | 10 | 63 |
| Production and use of organic inputs               | 11 | 30 | 11  | 41 | 17 | 9  | 26 | 3 | 2 | 5 | 50 | 22 | 72 |
| Management of Problematic soils                    | 4  | 38 | 10  | 48 | 21 | 5  | 26 | 2 | 2 | 4 | 61 | 17 | 78 |
| Micro nutrient deficiency in crops                 | 13 | 49 | 6   | 55 | 17 | 7  | 24 | 2 | 1 | 3 | 69 | 14 | 82 |
| Nutrient Use Efficiency                            | 8  | 43 | 6   | 49 | 20 | 4  | 24 | 1 | 1 | 2 | 64 | 11 | 75 |
| Soil and Water Testing                             | 2  | 43 | 5   | 48 | 18 | 5  | 23 | 2 | 2 | 4 | 63 | 12 | 75 |
| Others, if any                                     |    |    |     |    |    |    |    |   |   |   |    |    |    |
| IV Livestock Production and Management             |    |    |     |    |    |    |    |   |   |   |    |    |    |
| Dairy Management                                   |    |    |     |    |    |    |    |   |   |   |    |    |    |
| Poultry Management                                 |    |    |     |    |    |    |    |   |   |   |    |    |    |
| Piggery Management                                 |    |    |     |    |    |    |    |   |   |   |    |    |    |
| Rabbit Management                                  |    |    |     |    |    |    |    |   |   |   |    |    |    |
| Disease Management                                 |    |    |     |    |    |    |    |   |   |   |    |    |    |
| Feed management                                    |    |    |     |    |    |    |    |   |   |   |    |    |    |
| Production of quality animal products              |    |    |     |    |    |    |    |   |   |   |    |    |    |
| Others, if any Goat farming                        |    |    |     |    |    |    |    |   |   |   |    |    |    |
| V Home   |    |    |     |    |    |    |    |   |   |   |    |    |    |
| Science/Women empowerment                          |    |    | 4.5 |    |    |    | -  |   |   |   |    |    |    |
| Household food security by kitchen                 | 9  | 0  | 43  | 43 | 0  | 20 | 20 | 0 | 3 | 3 | 0  | 66 | 66 |

| gardening and nutrition   |    |   |    |    |   |    |    |   |   |   |   |    |    |
|---|----|---|----|----|---|----|----|---|---|---|---|----|----|
| gardening   |    |   |    |    |   |    |    |   |   |   |   |    |    |
| Design and development of low/minimum cost diet                   | 6  | 0 | 50 | 50 | 0 | 22 | 22 | 0 | 2 | 2 | 0 | 74 | 74 |
| Designing and development for high nutrient efficiency diet       | 10 | 0 | 56 | 56 | 0 | 31 | 31 | 0 | 3 | 3 | 0 | 90 | 90 |
| Minimization of nutrient loss in processing                       | 10 | 0 | 47 | 47 | 0 | 31 | 31 | 0 | 5 | 5 | 0 | 83 | 83 |
| Gender mainstreaming through SHGs                                 | 12 | 0 | 53 | 53 | 0 | 27 | 27 | 1 | 6 | 7 | 1 | 86 | 87 |
| Storage loss<br>minimization<br>techniques                        | 1  |   | 25 | 25 |   | 4  | 4  |   | 2 | 2 | 0 | 31 | 31 |
| Value addition  | 17 | 0 | 42 | 42 | 0 | 17 | 17 | 0 | 4 | 4 | 0 | 63 | 63 |
| Income generation activities for empowerment of rural Women       | 14 | 0 | 43 | 43 | 0 | 22 | 22 | 0 | 2 | 2 | 0 | 67 | 67 |
| Location specific drudgery reduction technologies                 | 5  |   | 23 | 23 |   | 3  | 3  |   | 1 | 1 | 0 | 27 | 27 |
| Rural Crafts  | 1  |   | 21 | 21 |   | 4  | 4  |   | 1 | 1 | 0 | 26 | 26 |
| Women and child care  | 10 | 0 | 55 | 55 | 0 | 28 | 28 | 0 | 1 | 1 | 0 | 84 | 84 |
| Others, if any  |    |   |    |    |   |    |    |   |   |   |   |    |    |
| VI Agril. Engineering   |    |   |    |    |   |    |    |   |   |   |   |    |    |
| Installation and maintenance of micro irrigation systems          |    |   |    |    |   |    |    |   |   |   |   |    |    |
| Use of Plastics in farming practices Production of small          |    |   |    |    |   |    |    |   |   |   |   |    |    |
| tools and implements Repair and                                   |    |   |    |    |   |    |    |   |   |   |   |    |    |
| maintenance of farm<br>machinery and<br>implements                |    |   |    |    |   |    |    |   |   |   |   |    |    |
| Small scale processing and value addition                         |    |   |    |    |   |    |    |   |   |   |   |    |    |
| Post Harvest<br>Technology  |    |   |    |    |   |    |    |   |   |   |   |    |    |
| Others, if any  |    |   |    |    |   |    |    |   |   |   |   |    |    |
| VII Plant Protection  |    |   |    |    |   |    |    |   |   |   |   |    |    |
| Integrated Pest<br>Management                                     |    |   |    |    |   |    |    |   |   |   |   |    |    |
| Integrated Disease  |    | T |    |    |   |    |    |   |   |   |   |    |    |
| Management Bio-control of pests                                   |    |   |    |    |   |    |    |   |   |   |   |    |    |
| and diseases  Production of bio control agents and bio pesticides |    |   |    |    |   |    |    |   |   |   |   |    |    |
| Others, if any  |    |   |    |    |   |    |    |   |   |   |   |    |    |
| VIII Fisheries  |    |   |    |    |   |    |    |   |   |   |   |    |    |

| Into avoto d finh forms in a           |    |    |    |    |    |   |    | 1 |   |   |    |    |     |
|--|----|----|----|----|----|---|----|---|---|---|----|----|-----|
| Integrated fish farming                |    |    |    |    |    |   |    |   |   |   |    |    |     |
| Carp breeding and hatchery management  |    |    |    |    |    |   |    |   |   |   |    |    |     |
| Carp fry and fingerling rearing        |    |    |    |    |    |   |    |   |   |   |    |    |     |
| Composite fish culture                 |    |    |    |    |    |   |    |   |   |   |    |    |     |
| Hatchery management and culture of     |    |    |    |    |    |   |    |   |   |   |    |    |     |
| freshwater prawn                       |    |    |    |    |    |   |    |   |   |   |    |    |     |
| Breeding and culture of                |    |    |    |    |    |   |    |   |   |   |    |    |     |
| ornamental fishes                      |    |    |    |    |    |   |    |   |   |   |    |    |     |
| Portable plastic carp hatchery         |    |    |    |    |    |   |    |   |   |   |    |    |     |
| Pen culture of fish and prawn          |    |    |    |    |    |   |    |   |   |   |    |    |     |
| Shrimp farming                         |    |    |    |    |    |   |    |   |   |   |    |    |     |
| Edible oyster farming                  |    |    |    |    |    |   |    |   |   |   |    |    |     |
| Pearl culture                          |    |    |    |    |    |   |    |   |   |   |    |    |     |
| Fish processing and                    |    |    |    |    |    |   |    |   |   |   |    |    |     |
| value addition Others, if any          |    |    |    |    |    |   |    |   |   |   |    |    |     |
| IX Production of                       |    |    |    |    |    |   |    |   |   |   |    |    |     |
| Inputs at site                         |    |    |    |    |    |   |    |   |   |   |    |    |     |
| Seed Production                        |    |    |    |    |    |   |    |   |   |   |    |    |     |
| Planting material production           |    |    |    |    |    |   |    |   |   |   |    |    |     |
| Bio-agents production                  |    |    |    |    |    |   |    |   |   |   |    |    |     |
| Bio-pesticides production              |    |    |    |    |    |   |    |   |   |   |    |    |     |
| Bio-fertilizer production              |    |    |    |    |    |   |    |   |   |   |    |    |     |
| Vermi-compost                          |    |    |    |    |    |   |    |   |   |   |    |    |     |
| Organic manures                        |    |    |    |    |    |   |    |   |   |   |    |    |     |
| production Production of fry and       |    |    |    |    |    |   |    |   |   |   |    |    |     |
| fingerlings Production of Bee-         |    |    |    |    |    |   |    |   |   |   |    |    |     |
| colonies and wax                       |    |    |    |    |    |   |    |   |   |   |    |    |     |
| Small tools and                        |    |    |    |    |    |   |    |   |   |   |    |    |     |
| implements Production of livestock     |    |    |    |    |    |   |    |   |   |   |    |    |     |
| feed and fodder                        |    |    |    |    |    |   |    |   |   |   |    |    |     |
| Production of Fish feed                |    |    |    |    |    |   |    |   |   |   |    |    |     |
| Others, if any                         |    |    |    |    |    |   |    |   |   |   |    |    |     |
| X Capacity Building and Group Dynamics |    |    |    |    |    |   |    |   |   |   |    |    |     |
| Leadership                             | 19 | 55 | 16 | 71 | 12 | 5 | 17 | 3 | 2 | 5 | 70 | 23 | 93  |
| development                            |    |    |    |    |    |   |    |   |   |   |    |    |     |
| Group dynamics                         | 15 | 77 | 17 | 94 | 16 | 4 | 20 | 3 | 2 | 5 | 96 | 23 | 119 |

| Management of SHGs   | Farmatian and                                 | 4.4 | 47 | 47 | C 4 | 40 | • | 40 |   | _ | 4 | <b>50</b> | 05 | 0.4           |
|--|---|-----|----|----|-----|----|---|----|---|---|---|-----------|----|---------------|
| Capital  | Formation and Management of SHGs              | 14  | 47 | 17 | 64  | 10 | 6 | 16 | 2 | 2 | 4 | 59        | 25 | 84            |
| Entrepreneurial development of farmers/youths  WTO and IPR issues  2 37 14 51 8 2 10 0 0 45 16 61  Others, if any  3 26 8 34 9 2 11 1 1 1 2 2 36 11 47  Nursery management integrated Farming Systems  Gender main streaming through SHG  WHO and IPR systems  Gender main streaming through SHG  Ree-keeping Integrated farming  Seed production  Production of organic inputs Integrated Farming  Production of organic inputs Integrated Farming  Production  Production of organic inputs Integrated Farming  Planting material production  Production  Production  Production  1 1 2 2 14 4 2 6 1 1 2 2 17 5 22 7 30 30 30 30 30 30 30 30 30 30 30 30 30  |   | 7   | 29 | 8  | 37  | 6  | 1 | 7  | 1 | 1 | 2 | 36        | 10 | 46            |
| Others, if any     3   26   8   34   9   2   11   1   1   2   36   11   47   | Entrepreneurial development of farmers/youths | 19  | 56 | 20 |     | 14 |   |    | 3 | 2 | 5 | 73        | 27 | 100           |
| XI Agro-forestry   | WTO and IPR issues                            | 2   | 37 | 14 | 51  | 8  | 2 | 10 |   |   | 0 | 45        | 16 | 61            |
| Production technologies   Nursery management   Nu | -   | 3   | 26 | 8  | 34  | 9  | 2 | 11 | 1 | 1 | 2 | 36        | 11 | 47            |
| Integrated Farming   | XI Agro-forestry                              |     |    |    |     |    |   |    |   |   |   |           |    |               |
| Integrated Farming   Systems   Gender main streaming through   SHG   TOTAL   |   |     |    |    |     |    |   |    |   |   |   |           |    |               |
| Systems  | Nursery management                            |     |    |    |     |    |   |    |   |   |   |           |    |               |
| Gender main streaming through SHG  |   |     |    |    |     |    |   |    |   |   |   |           |    |               |
| Mushroom Production   2   21   6   27   5   3   8   1   1   2   27   10   37   | Gender main streaming through                 |     |    |    |     |    |   |    |   |   |   |           |    |               |
| Mushroom Production         2         21         6         27         5         3         8         1         1         2         27         10         37           Bee-keeping         Integrated farming  | TOTAL   |     |    |    |     |    |   |    |   |   |   |           |    |               |
| Mushroom Production         2         21         6         27         5         3         8         1         1         2         27         10         37           Bee-keeping         Integrated farming         Integrated farming         Image: Companie inputs         2         9         2         11         4         3         7         1         1         2         14         6         20           Production of organic inputs         1         1         12         2         14         4         3         7         1         1         2         14         6         20           Integrated Farming         Integrated Farming <t< td=""><td>(B) RURAL YOUTH</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>  | (B) RURAL YOUTH                               |     |    |    |     |    |   |    |   |   |   |           |    |               |
| Integrated farming   | ` ,   | 2   | 21 | 6  | 27  | 5  | 3 | 8  | 1 | 1 | 2 | 27        | 10 | 37            |
| Integrated farming   | Bee-keeping                                   |     |    |    |     |    |   |    |   |   |   |           |    |               |
| Seed production   Production of organic inputs   Production of organic inputs   Planting material production   Planting material production   Prod | · -   |     |    |    |     |    |   |    |   |   |   |           |    |               |
| Production of organic inputs   2   9   2   11   4   3   7   1   1   2   14   6   20  | •   |     |    |    |     |    |   |    |   |   |   |           |    |               |
| Integrated Farming   | Production of organic                         | 2   | 9  | 2  | 11  | 4  | 3 | 7  | 1 | 1 | 2 | 14        | 6  | 20            |
| Planting material  |   |     |    |    |     |    |   |    |   |   |   |           |    | <u> </u>      |
| Vermi-culture         3         15         4         19         7         3         10         1         0         1         23         7         30           Sericulture         Protected cultivation of vegetable crops         Vegetable crops </td <td></td> <td>1</td> <td>12</td> <td>2</td> <td>14</td> <td>4</td> <td>2</td> <td>6</td> <td>1</td> <td>1</td> <td>2</td> <td>17</td> <td>5</td> <td>22</td>  |   | 1   | 12 | 2  | 14  | 4  | 2 | 6  | 1 | 1 | 2 | 17        | 5  | 22            |
| Protected cultivation of vegetable crops  Commercial fruit production  Repair and maintenance of farm machinery and implements  Nursery Management of Horticulture crops  Training and pruning of orchards  Value addition  Production of quality animal products  Dairying  Sheep and goat rearing  Quali farming  Piggery  |   | 3   | 15 | 4  | 19  | 7  | 3 | 10 | 1 | 0 | 1 | 23        | 7  | 30            |
| vegetable crops  Commercial fruit production  Repair and maintenance of farm machinery and implements  Nursery Management of Horticulture crops  Training and pruning of orchards  Value addition  Production of quality animal products  Dairying  Sheep and goat rearing  Quail farming  Piggery   | Sericulture                                   |     |    |    |     |    |   |    |   |   |   |           |    |               |
| Commercial fruit production Repair and maintenance of farm machinery and implements Nursery Management of Horticulture crops Training and pruning of orchards Value addition Production of quality animal products Dairying Sheep and goat rearing Quail farming Piggery   | Protected cultivation of                      |     |    |    |     |    |   |    |   |   |   |           |    |               |
| production Repair and maintenance of farm machinery and implements  Nursery Management of Horticulture crops Training and pruning of orchards Value addition  Production of quality animal products Dairying Sheep and goat rearing Quail farming Piggery  |   |     |    |    |     |    |   |    |   |   |   |           |    |               |
| Repair and maintenance of farm machinery and implements  Nursery Management of Horticulture crops  Training and pruning of orchards  Value addition  Production of quality animal products  Dairying  Sheep and goat rearing  Quall farming  Piggery   |   |     |    |    |     |    |   |    |   |   |   |           |    |               |
| maintenance of farm machinery and implements  Nursery Management of Horticulture crops  Training and pruning of orchards  Value addition  Production of quality animal products  Dairying  Sheep and goat rearing  Quail farming  Piggery  |   |     |    |    |     |    |   |    |   |   |   |           |    |               |
| Nursery Management of Horticulture crops  Training and pruning of orchards  Value addition  Production of quality animal products  Dairying  Sheep and goat rearing  Quail farming  Piggery  | maintenance of farm                           |     |    |    |     |    |   |    |   |   |   |           |    |               |
| Nursery Management of Horticulture crops Training and pruning of orchards Value addition Production of quality animal products Dairying Sheep and goat rearing Quail farming Piggery   |   |     |    |    |     |    |   |    |   |   |   |           |    |               |
| Training and pruning of orchards  Value addition  Production of quality animal products  Dairying  Sheep and goat rearing  Quail farming  Piggery  | Nursery Management                            | 2   | 16 | 6  | 22  | 9  | 3 | 12 | 2 | 1 | 3 | 27        | 10 | 37            |
| orchards  Value addition  Production of quality animal products  Dairying  Sheep and goat rearing  Quail farming  Piggery  |   |     |    |    |     |    |   |    |   |   |   |           |    |               |
| Production of quality animal products  Dairying  Sheep and goat rearing  Quail farming  Piggery  | orchards                                      |     |    |    |     |    |   |    |   |   |   |           |    |               |
| animal products  Dairying  Sheep and goat rearing Quail farming  Piggery  Quail farming  |   |     |    |    |     |    |   |    |   |   |   |           |    |               |
| Sheep and goat rearing Quail farming Piggery   |   |     |    |    |     |    |   |    |   |   |   |           |    |               |
| rearing Quail farming Piggery  |   |     |    |    |     |    |   |    |   |   |   |           |    | _ <del></del> |
| Quail farming Piggery  |   |     |    |    |     |    |   |    |   |   |   |           |    | <u> </u>      |
|  |   |     |    |    |     |    |   |    |   |   |   |           |    |               |
|  | Piggery                                       |     |    |    |     |    |   |    |   |   |   |           |    |               |
|  | Rabbit farming                                |     |    |    |     |    |   |    |   |   |   |           |    |               |

| Poultry production                    | T |    |    |    |    |   |    |   |   |   |    |    |    |
|---------------------------------------|---|----|----|----|----|---|----|---|---|---|----|----|----|
| Ornamental fisheries                  |   |    |    |    |    |   |    |   |   |   |    |    |    |
|                                       |   |    |    |    |    |   |    |   |   |   |    |    |    |
| Para vets                             |   |    |    |    |    |   |    |   |   |   |    |    |    |
| Para extension workers                |   |    |    |    |    |   |    |   |   |   |    |    |    |
| Composite fish culture                |   |    |    |    |    |   |    |   |   |   |    |    |    |
| Freshwater prawn culture              |   |    |    |    |    |   |    |   |   |   |    |    |    |
| Shrimp farming                        |   |    |    |    |    |   |    |   |   |   |    |    |    |
| Pearl culture                         |   |    |    |    |    |   |    |   |   |   |    |    |    |
| Cold water fisheries                  |   |    |    |    |    |   |    |   |   |   |    |    |    |
| Fish harvest and                      |   |    |    |    |    |   |    |   |   |   |    |    |    |
| processing technology                 |   |    |    |    |    |   |    |   |   |   |    |    |    |
| Fry and fingerling                    |   |    |    |    |    |   |    |   |   |   |    |    |    |
| rearing                               |   |    |    |    |    |   |    |   |   |   |    |    |    |
| Small scale processing                |   |    |    |    |    |   |    |   |   |   |    |    |    |
| Post Harvest<br>Technology            |   |    |    |    |    |   |    |   |   |   |    |    |    |
| Tailoring and Stitching               |   |    |    |    |    |   |    |   |   |   |    |    |    |
| Rural Crafts                          |   |    |    |    |    |   |    |   |   |   |    |    |    |
| Others, if any                        |   |    |    |    |    |   |    |   |   |   |    |    |    |
| TOTAL                                 |   |    |    |    |    |   |    |   |   |   |    |    |    |
| (C) Extension<br>Personnel            |   |    |    |    |    |   |    |   |   |   |    |    |    |
| Productivity                          | 7 | 26 | 4  | 30 | 8  | 4 | 12 | 2 | 2 | 4 | 36 | 10 | 46 |
| enhancement in field crops            | - |    |    |    |    |   |    |   |   | - |    |    |    |
| Integrated Pest<br>Management         |   |    |    |    |    |   |    |   |   |   |    |    |    |
| Integrated Nutrient management        | 6 | 21 | 11 | 32 | 13 | 6 | 19 | 0 | 0 | 0 | 34 | 17 | 51 |
| Rejuvenation of old                   | 4 | 10 | 3  | 13 | 5  | 4 | 9  | 1 | 1 | 2 | 16 | 8  | 24 |
| orchards Protected cultivation        |   |    |    |    |    |   |    |   |   |   |    |    |    |
| technology                            |   |    |    |    |    |   |    |   |   |   |    |    |    |
| Formation and Management of SHGs      |   |    |    |    |    |   |    |   |   |   |    |    |    |
| Group Dynamics and                    | 1 | 9  | 4  | 13 | 2  | 1 | 3  | 1 | 1 | 2 | 12 | 6  | 18 |
| farmers organization                  |   |    |    |    | _  | - |    | - |   |   |    |    |    |
| Information networking                |   |    |    |    |    |   |    |   |   |   |    |    |    |
| among farmers                         | - |    |    |    |    |   |    |   |   |   |    |    |    |
| Capacity building for ICT application |   |    |    |    |    |   |    |   |   |   |    |    |    |
| Care and maintenance                  |   | +  |    |    |    |   |    |   |   |   |    |    |    |
| of farm machinery and                 |   |    |    |    |    |   |    |   |   |   |    |    |    |
| implements                            |   |    |    |    |    |   |    |   |   |   |    |    |    |
| WTO and IPR issues                    |   |    |    |    |    |   |    |   |   |   |    |    |    |
| Management in farm animals            |   |    |    |    |    |   |    |   |   |   |    |    |    |
| Livestock feed and fodder production  |   |    |    |    |    |   |    |   |   |   |    |    |    |
| Household food                        |   |    |    |    |    |   |    |   |   |   |    |    |    |
| security                              |   |    |    |    |    |   |    |   |   |   |    |    |    |
| Women and Child care                  | 1 |    | 11 | 11 |    | 6 | 6  |   | 3 | 3 | 0  | 20 | 20 |

| Low cost and nutrient efficient diet designing |     |      |     |      |     |     |     |    |    |     |      |      |      |
|--|-----|------|-----|------|-----|-----|-----|----|----|-----|------|------|------|
| Production and use of organic inputs           | 2   | 10   | 3   | 13   | 5   | 2   | 7   |    |    | 0   | 15   | 5    | 20   |
| Gender mainstreaming through SHGs              | 2   | 8    | 8   | 16   | 2   | 2   | 4   |    |    | 0   | 10   | 10   | 20   |
| Any other (Pl. Specify)                        |     |      |     |      |     |     |     |    |    |     |      |      |      |
| TOTAL  | 381 | 1477 | 836 | 2313 | 360 | 368 | 728 | 77 | 78 | 155 | 1915 | 1282 | 3196 |

Note: Please furnish the details of training programmes as Annexure in the proforma given below

| Date | Clientele | Title of the training | Duration in days | Venue<br>(Off / On |      | Number o<br>participant |       | Numb | er of SC/S | ST    |
|------|-----------|-----------------------|------------------|--------------------|------|-------------------------|-------|------|------------|-------|
|      |           | programme             |                  | Campus)            | Male | Female                  | Total | Male | Female     | Total |
|      |           |                       |                  |                    |      |                         |       |      |            |       |
|      |           |                       |                  |                    |      |                         |       |      |            |       |
|      |           |                       |                  |                    |      |                         |       |      |            |       |

# (D) Vocational training programmes for Rural Youth

| Crop /<br>Enterprise | Identified<br>Thrust<br>Area    | Training title*                                   | Duration<br>(days) | No.  | of Particip | ants  | Self e              | mployed aft     | er training                         | Number<br>of<br>persons<br>employed<br>else<br>where |
|----------------------|---------------------------------|---|--------------------|------|-------------|-------|---------------------|-----------------|-------------------------------------|--|
|                      | Area                            |   |                    | Male | Female      | Total | Type<br>of<br>units | Number of units | Number<br>of<br>persons<br>employed |  |
|                      | Vermi-<br>compost<br>Production | Technique for<br>preparation of<br>vermi compost, | 3                  | 25   | -           | 25    |                     | 25              | 25                                  |  |
|                      | Graft &<br>Gooty                | Entrepreneurship development through nursery      | 3                  | 25   | -           | 25    |                     | 25              | 25                                  |  |
|                      | Seed<br>Production              | Income generation through seed production         | 3                  | 22   | 3           | 25    |                     | 1               | 1                                   |  |

<sup>\*</sup>training title should specify the major technology /skill transferred

(E) Sponsored Training Programmes

| ematic r     | M Dura o tion nt (day h s)          | PF/<br>RY/<br>EF                          | of<br>co<br>ur<br>se<br>s                                     | O<br>th<br>er<br>s  | Male<br>S<br>C  | S                                     | Fe<br>Othe                   | male<br>S<br>C         | S                      | Oth                    | Tota                               | S       | То      | sor<br>ing<br>Ag<br>en<br>cy |
|--------------|-------------------------------------|---|---|---|---|---------------------------------------|------------------------------|------------------------|------------------------|------------------------|------------------------------------|---------|---------|------------------------------|
|              | F                                   | EF  |   | th<br>er  | S<br>C  | S<br>T                                |                              | s<br>C                 | ST                     |                        | S                                  |         |         |                              |
|              |                                     |   |   |   |   |                                       |                              |                        | •                      | ers                    | С                                  | Т       | tal     |                              |
| e t          | b<br>to<br>A 60da<br>ys             |   |   | 2 3   | 3   |                                       | 4                            |                        |                        | 27                     | 3                                  |         | 30      | Go<br>vt.<br>of<br>Bih<br>ar |
| icultur<br>e | N<br>o<br>v.<br>T 60da<br>o ys<br>J |   |   | 2 4   | 2   |                                       | 4                            |                        |                        | 28                     | 2                                  |         | 30      | Go<br>vt.<br>of<br>Bih<br>ar |
| ic           | cultur<br>e                         | pr<br>il<br>N<br>o<br>v.<br>cultur T 60da | pr<br>il<br>N<br>o<br>v.<br>cultur T 60da<br>e o ys<br>J<br>a | pr<br>il<br>N<br>o<br>v.<br>cultur T 60da<br>e o ys<br>J<br>a | pr<br>il<br>N<br>o<br>v.<br>cultur T 60da<br>e o ys<br>J<br>a | pr il N o v. Cultur T 60da o ys J a 2 | pr il N o v. T 60da o ys J a | cultur T 60da o ys J a 2 4 2 4 2 8 | A pr il | A pr il | A pr il                      |

# 3.4. Extension Activities (including activities of FLD programmes)

| Nature of Extension                             | No. of     |      | Farmers |       | Exte | nsion Off | icials |      | Total  |       |
|---|------------|------|---------|-------|------|-----------|--------|------|--------|-------|
| Activity  | activities | Male | Female  | Total | Male | Female    | Total  | Male | Female | Total |
| Field Day                                       | 5          | 510  | 111     | 622   |      |           |        | 510  | 111    | 622   |
| Kisan Mela                                      | 3          |      |         |       |      |           |        |      |        | 10000 |
| Kisan Ghosthi                                   | 9          | 859  |         |       |      |           |        |      |        | 859   |
| Exhibition                                      |            |      |         |       |      |           |        |      |        |       |
| Film Show                                       |            |      |         |       |      |           |        |      |        |       |
| Method Demonstrations seed treatment (Bavistin) |            |      |         |       |      |           |        |      |        |       |
| Farmers Seminar                                 |            |      |         |       |      |           |        |      |        |       |
| Workshop  |            |      |         |       |      |           |        |      |        |       |
| Group meetings                                  |            |      |         |       |      |           |        |      |        |       |
| Lectures delivered as                           | 15         |      |         |       |      |           |        |      |        | 100   |
| resource persons                                |            |      |         |       |      |           |        |      |        |       |
| Newspaper coverage                              | 150        |      |         |       |      |           |        |      |        | 150   |
| Radio talks                                     | 6          |      |         |       |      |           |        |      |        | Many  |
| TV talks  | 31         |      |         |       |      |           |        |      |        | 31    |
| Popular articles                                | 9          |      |         |       |      |           |        |      |        | 12000 |
| Extension Literature                            | 15         |      |         |       |      |           |        |      |        | 15    |
| Advisory Services                               | 108        |      |         |       |      |           |        |      |        | 108   |
| Scientific visit to farmers                     | 75         | 312  | 80      | 392   |      |           |        | 312  | 80     | 392   |
| field   |            |      |         |       |      |           |        |      |        |       |
| Farmers visit to KVK                            | 525        |      |         |       |      |           |        |      |        | 525   |
| Diagnostic visits                               | 215        |      |         |       |      |           |        |      |        | 215   |
| Exposure visits                                 | 16         |      |         |       |      |           |        |      |        | 16    |
| Ex-trainees Sammelan                            |            |      |         |       |      |           |        |      |        |       |

| Soil health Camp         | 2  |  |  |  | Many |
|--------------------------|----|--|--|--|------|
| Animal Health Camp       | 1  |  |  |  | Many |
| Agri mobile clinic       |    |  |  |  |      |
| Soil test campaigns      |    |  |  |  |      |
| Farm Science Club        |    |  |  |  |      |
| Conveners meet           |    |  |  |  |      |
| Self Help Group          | 10 |  |  |  | Many |
| Conveners meetings       |    |  |  |  |      |
| Mahila Mandals           | 12 |  |  |  | Many |
| Conveners meetings       |    |  |  |  |      |
| Celebration of important |    |  |  |  |      |
| days (specify)           |    |  |  |  |      |
| Any Other (Specify)      |    |  |  |  |      |

# 3.5 Production and supply of Technological products Village seed

| Сгор              | variety | Quantity of seed (q) | Value<br>(Rs) | Number of farmers provided |
|-------------------|---------|----------------------|---------------|----------------------------|
| Cereals           |         |                      |               |                            |
|                   |         |                      |               |                            |
| Oilseeds          |         |                      |               |                            |
|                   |         |                      |               |                            |
| Pulses            |         |                      |               |                            |
|                   |         |                      |               |                            |
| Commercial crops  |         |                      |               |                            |
|                   |         |                      |               |                            |
| Vegetables        |         |                      |               |                            |
|                   |         |                      |               |                            |
| Flower crops      |         |                      |               |                            |
|                   |         |                      |               |                            |
| Spices            |         |                      |               |                            |
| эрлээ             |         |                      |               |                            |
| Fodder oron coods |         |                      |               |                            |
| Fodder crop seeds |         |                      |               |                            |
|                   |         |                      |               |                            |
| Fiber crops       |         |                      |               |                            |
|                   |         |                      |               |                            |
| Forest Species    |         |                      |               |                            |
|                   |         |                      |               |                            |
| Others            |         |                      |               |                            |
| Total             |         |                      |               |                            |

# KVK farm

| Crop                | Variety                              | Quantity of seed (q) | 1061                | Number of<br>farmers<br>provided |
|---------------------|--------------------------------------|----------------------|---------------------|----------------------------------|
| Cereals             |                                      |                      |                     |                                  |
| Paddy               | Rajendra<br>bhagwati<br>Ushar Dhan 3 | 49.99<br>28          | 65903/-<br>32003/-  |                                  |
| Wheat               | HD-2733,<br>PBW-373                  | 45.20<br>19.97       | 154640/-<br>57080/- |                                  |
| Commercial crops    |                                      |                      |                     |                                  |
| Horticultural Crops |                                      |                      | 20000/-             |                                  |
| Vegetables          |                                      |                      |                     |                                  |
| Flower crops        |                                      |                      |                     |                                  |
| Spices              |                                      |                      |                     |                                  |
| Fodder crop seeds   |                                      |                      |                     |                                  |
| Fiber crops         |                                      |                      |                     |                                  |
| Forest Species      |                                      |                      |                     |                                  |
| Others              | Fish ponds                           |                      | 150000/-            |                                  |
| Til                 | Krishna                              | 3                    |                     |                                  |
| Moong               | Samrat                               | 1                    | 3040/-              |                                  |
| Arhar               | NDA-1                                | 7.45                 | 30000/-             |                                  |
| Tori                | Suflam                               | 3                    | 11514/-             |                                  |

# Production of planting materials by the KVK:

| Crop                   | variety                      | Quantity of seed (q) | Value<br>(Rs) | Number of farmers provided |
|------------------------|------------------------------|----------------------|---------------|----------------------------|
| Commercial             |                              |                      |               |                            |
| Vegetable seedlings    |                              |                      |               |                            |
|                        |                              |                      |               |                            |
| Fruits                 |                              |                      |               |                            |
| Citrus                 | Seed less<br>Kagji, Pant C 1 | 1500                 | 3000/-        |                            |
| Ornamental plants      |                              |                      |               |                            |
| Medicinal and Aromatic |                              |                      |               |                            |
|                        |                              |                      |               |                            |
| Plantation             |                              |                      |               |                            |
| Spices                 |                              |                      |               |                            |
| Tuber                  |                              |                      |               |                            |
|                        |                              |                      |               |                            |
| Fodder crop saplings   |                              |                      |               |                            |
| Forest Species         |                              |                      |               |                            |
| Ollaria                |                              |                      |               |                            |
| Others                 |                              |                      |               |                            |
| Total                  |                              |                      |               |                            |

## Production of Bio-Products;NA

|                 | Name of the bio-product | Quantity |             |                | No. of KVKs |
|-----------------|-------------------------|----------|-------------|----------------|-------------|
| Bio Products    |                         | Kg       | Value (Rs.) | No. of Farmers | NO. OI KVKS |
| Bio Fertilisers |                         |          |             |                |             |
|                 |                         |          |             |                |             |
| Bio-pesticide   |                         |          |             |                |             |
|                 |                         |          |             |                |             |
| Bio-fungicide   |                         |          |             |                |             |
|                 |                         |          |             |                |             |
| Bio Agents      |                         |          |             |                |             |
|                 |                         |          |             |                |             |
| Others          |                         |          |             |                |             |
| Total           |                         |          |             |                |             |

## Production of livestock materials;NA

| Particulars of Live stock | Name of the breed | Number | Value (Rs.) | No. of Farmers | No. of KVKs |
|---------------------------|-------------------|--------|-------------|----------------|-------------|
| Dairy animals             |                   |        |             |                |             |
| Cows                      |                   |        |             |                |             |
| Buffaloes                 |                   |        |             |                |             |
| Calves                    |                   |        |             |                |             |
| Others (Pl. specify)      |                   |        |             |                |             |
| Poultry                   |                   |        |             |                |             |
| Broilers                  |                   |        |             |                |             |
| Layers                    |                   |        |             |                |             |
| Duals (broiler and layer) |                   |        |             |                |             |
| Japanese Quail            |                   |        |             |                |             |
| Turkey                    |                   |        |             |                |             |
| Emu                       |                   |        |             |                |             |
| Ducks                     |                   |        |             |                |             |
| Others (Pl. specify)      |                   |        |             |                |             |
| Piggery                   |                   |        |             |                |             |
| Piglet                    |                   |        |             |                |             |
| Others (Pl.specify)       |                   |        |             |                |             |
| Fisheries                 |                   |        |             |                |             |
| Indian carp               |                   |        |             |                |             |
| Exotic carp               |                   |        |             |                |             |
| Others (Pl. specify)      |                   |        |             |                |             |
| Total                     |                   |        |             |                |             |

# 3.6. Literature Developed/Published (with full title, author & reference)

- (A) KVK News Letter ((Date of start, Periodicity, number of copies distributed etc.)
- (B) Literature developed/published

| Item                    | Title  | Authors/Editor name | Number |
|-------------------------|--|---------------------|--------|
| Extension literature, 5 | गेहूँ उत्पादन प्रौद्योगिकी                   | Dr. S.K. Singh      | 3000   |
|                         | मक्का उत्पादन की<br>उन्नत तकनिक              | Dr. S.K. Singh      | 3000   |
|                         | महिला सशक्तिकरण हेतु<br>स्वंय सहायता समुह का | Sri Pankaj Kumar    | 3000   |

|                  | <b>ਹਾ</b> ਠਕ  |                     |       |
|------------------|---|---------------------|-------|
|                  | कृषि रक्षा रसायनों का<br>प्रयोग                           | Dr. R.K. Singh      | 3000  |
|                  | केला की व्यवसायिक<br>खेती                                 | Dr. Sunita Kushwah  | 3000  |
|                  | श्रसायनिक उर्वरक में<br>मिलावट की त्वरित जाँच             | Dr. R.K. Singh      | 3000  |
|                  | सूखा प्रभावित कटिहार<br>जिला के लिए वैकल्पिक<br>फसल योजना | KVK, Katihar        | 3000  |
|                  | रेशमी उनी वस्त्रो की<br>रखरखाव                            | Smt. Basanti Kumari | 3000  |
|                  | गोभी वर्गीय सब्जियों<br>को कीटों एवं रोगों से<br>बचाव     | Dr. Sunita Kushwah  | 3000  |
|                  | अरहर उत्पादन की<br>उन्नत तकनिक                            | Dr. S.K. Singh      | 3000  |
|                  | गाजरधास का एकीकृत<br>नियंत्रण                             | Sri Pankaj Kumar    | 3000  |
| Krishak samachar |   | KVK, Katihar        | 9000  |
| TOTAL            | 6   |                     | 42000 |

N.B. Please enclose a copy of each. In case of literature prepared in local language please indicate the title in English

(C) Details of Electronic Media Produced

| S. No. | Type of media (CD / VCD / DVD / Audio-Cassette) | Title of the programme | Number |
|--------|---|------------------------|--------|
| 1      | CD  | Technology Week        | 1      |
| 2      | Audio Cassette                                  | Kisan Mela             | 2      |

## (D) Details of HRD programmes undergone:

| S. No. | Name of programme | Date and Duration | Organized by |
|--------|-------------------|-------------------|--------------|
|        |                   |                   |              |

- 3.7. Success stories/Case studies, if any (two or three pages write-up on each case with suitable action photographs)
- 10 .No. of success stories to be developed
  - Success story IFS



Village Sakraili situated in block- Barari, Post- Semapur, District-Katihar. Main occupation of the farmers of this area is farming. Five to six year back their livelihood was purely

depend upon the farming. A Land holding of the farmers is very low. Most of the farmers were working as labours due to poverty. Most of the farmer migrated for the employment to Haryana and Punjab. Condition of women was also not good. Their husband left them for 1-2years. She spend her life alone with children. Most of the women are become widow because their husbands were suffered from malnutrient and tedious hard work as a labourer in other states. That was alarming issuee for us. Human traffing was also a emergeng problem in this area.

But in the year 2007 KVK started work in this village. Scientist of the KVK conducted to promote their livelihood. Farmer Sri Ashok Kumar Sah Father Sri Ramashish Sah took the activities iniciation. He participated the training on poultry farming, vermi compost, neped compost etc. He started poultry unit in his village in 1400sqft area. He also trainned farmers (Man & Women) of his village about poultry. Now some women started poultry farming in their backyard of house. They are involved in this work and getting good return. She did not go to the other field for labour work. KVK also started home Science & Horticultural activities like Petha making & cultivation of Banana & Maize. Presently, Ashok Kumar Sah getting 1.5 lakh per annum only through poultry production. Before this work his annual income was only Rs 10,000/-. He started Tarang Krishak Club for IFS activities. Now in his village 5-6 grops of women are ready for registration.

## Vermi compost/Vermi culture

Sri Satyendra Singh is a progressive farmer of Semapur situated in Barari Block. Few years back he was doing his farming traditionally. He was using chemical fertilizers & unimproved banana & other horticultural crops.

In the year 2005-06 he visited KVK, Katihar and shared his problem with the scientists of KVK's. Scientist told him about vermicompost. He meet with Dr. R.K Sohane, Director Extension Education, BAU, Sabour. He got the training on vermiculture and started the unit in the year 2008. He made 545 ft² vermicompost unit. He used this vermicompost in horticultural crops and getting the outstanding results. He also changed the varities of horticultural crops. He started tissue culture banana cultivation with the use of vermicompost. Now farmers of his village started production of vermicompost and tisue culture. He is getting Rs. 2 lakh per annem from vermicompost. Now this technology adopted by other villagers also.

• Myself Kalidas Banerjee live in a small village Rautara of Katihar district. Agriculture in my base of life and through this I fulfill my needs. In spite of this agriculture is my worship. I inspire it from my father since childhood I am dedicated towards field of agriculture, taking care of plants, cutting of spread twigs and stem, sowing of seeds and irrigation my forefather stared cultivation of fruits like mango very sincerely and said at last that this is the fruits of our hard working. Gradually I grasp this work of mango cultivation like grafting, Budding etc which gives me a new direction towards I making the parent plants more sweetest by the method of crossing



with other variety of mango than I will see that after crossing of different variety of mango one new variety which is best among them which is the best and after giving new fruits when I eaten I become very happy due to unexpected tests and said everybody that this is chitranjan. And at that very day the new variety of mango was named chitranjan. Since 25 years I grafted this variety of mango and highlighted among the people. Dwring that period I interact with KVK, Katihar during the year 2010-11 prog. Coord show me a new direction towards the variety of chitranjan with the help of income centre my variety chitranjan goes

towards registration to IART, New Delhi. Scientists of KVK provide new direction regarding the upliftment of my orchard.

Chitranjan is not my mango only it's my achievement and I inspired it by my friends. Agriculture scientist, Akaswani of Purnea Centre, ETV Samvaddata and my society and my forefather blessing I news forget from whom I get an emovragement and enthusiasm.

• Sri Mahavir Singh a progressive farmer is a people of village Badi Bathna. Sri Singh spend his childhood full despite of economic growth and uplifting of economic status of farming community of agriculture based state like Bihar specially in Kosi region where farmers are facing problems of flood, suitable cultivars, appropriate cropping system, soil based remedies, lack of well trained farmer and other farming problem. Sri Mahavir Singh was a traditional farmer and very far away from modern agro techniques and facing genuine economic and social gestures of Indian peasant. A mega initiative to provide agro based information to farmers door step KVK is committed. Based on other farmers friend information Sri Mahavir Singh from Vill.- Badibathna



Dist.- Katihar get the information about the training programmes conducted by KVK. As per his training need KVK, Katihar trained Sri Mahavir Singh about suitable varieties, use of vermin compost. Bio pesticides appropriate use of insecticides and pesticides. KVK Katihar provide the improved variety of bottle gourd Narendra Rashmi and start cultivation with new idea new approaches with a new enthusiasm under the supervision of KVK, Katihar.

Seed 150gm Area 1 Acre

| Materials                                       | Cost (Rs.) |
|---|------------|
| Seed Treatment ( Carbendagim )                  | 100.00     |
| Zink Sulphat 5 Kg ( Before transplanting )      | 190.00     |
| Vermi compost 10q                               | 6000.00    |
| Tillege   | 2000.00    |
| Use of vermi compost after 30days and 2kg/plant | 6000.00    |
| Weeding   | 800.00     |
| Inter cropping ( Chauri )seed                   | 150.00     |
| Bomboo (250x60)                                 | 15000.00   |
| Wire (15kg x 60)                                | 900.00     |
| Suta (8 Kg)                                     | 900.00     |
| Labour charge ( for chachri )                   | 4000.00    |
| Labour charge (Filling of soil)                 | 1000.00    |
| Calcium   | 650.00     |
| Potassium                                       | 850.00     |
| Varmi compost ( 2600 Kg.)                       | 3000.00    |
| Irrigation                                      | 720.00     |
| Weeding 2 <sup>nd</sup> time                    | 800.00     |
| Neem Oil  | 500.00     |
| Total   | 44370.00   |

#### **Income**

- 1. Sell of Lalsag (Chauri) (29.09.2012 to 06.10.2012) Rs.16000.00
- 2. Bottle gourd (09.10.12 to 11.12.12) (14/pice total 26000 pice) (26000\*14= Rs.364600/-) Gross Income = Rs.364400.00

#### Net Income = Rs. 319630.00

- 3.8. Give details of innovative methodology or innovative technology of Transfer of Technology developed and used during the year
- 3.9 Give details of indigenous technology practiced by the farmers in the KVK operational area which can be considered for technology development (in detail with suitable photographs)

| S. No. | Crop / Enterprise | ITK Practiced | Purpose of ITK |
|--------|-------------------|---------------|----------------|
|        |                   |               |                |

## 3.10 Indicate the specific training need analysis tools/methodology followed for

- Identification of courses for farmers/farm women: Bench mark survey/discussion /feedback
- Rural Youth: Bench mark survey/discussion/feedback
- In-service personnel: Bench mark survey/discussion/feedback

#### 3.11 Field activities

- i. Number of villages adopted; 05
- ii. No. of farm families selected;100
- iii. No. of survey/PRA conducted;01

## 3.12. Activities of Soil and Water Testing Laboratory; NA

1. Status of establishment of Lab : being under process

2. Year of establishment :

3. List of equipments purchased with amount :

| SI. No | Name of the Equipment | Qty. | Cost |
|--------|-----------------------|------|------|
| 1      |                       |      |      |
| 2      |                       |      |      |
| 3      |                       |      |      |
| Total  |                       |      |      |

4. Details of samples analyzed so far

| Details       | No. of Samples | No. of Farmers | No. of Villages | Amount realized |
|---------------|----------------|----------------|-----------------|-----------------|
| Soil Samples  | 25             |                |                 |                 |
| Water Samples |                |                |                 |                 |
| Total         |                |                |                 |                 |

#### 3.13 Activities of rain water harvesting structure and micro irrigation system

| No of training programme | No of demonstrations | No of plant<br>material produced | Visit by the farmers | Visit by the officials |
|--------------------------|----------------------|----------------------------------|----------------------|------------------------|
|                          |                      |                                  |                      |                        |

# 3.14 Technology week celebration:

| Type of activities  | No of activities | Number of participants | Related crop/livestock technology |
|---|------------------|------------------------|-----------------------------------|
| Inauguration and Seminar on Crop production-cum-<br>Training programme, Field visit | 01               | 224                    |                                   |
| Seminar on Horticulture Development, Field visit                                    | 01               | 169                    |                                   |
| Seminar-cum-Training programme of women empowerment,Field visit                     | 01               | 128                    |                                   |
| Seminar-Cum-Training Programme On Animal Husbandary, Visit of IFS Model             | 01               | 251                    |                                   |
| Seminar on Entrepreneurship development & Valedictory Function                      | 01               | 319                    |                                   |

# 3.15 RAWE programme:

Is KVK is involved : YES

| No of student/ARS trained | No of days stayed |
|---------------------------|-------------------|
|                           |                   |
| 06                        | 1                 |
|                           |                   |

3.16 NICRA Project : NA

| Programme   | No of village | No of beneficiary | Amount of fund | Amount of fund |
|-------------|---------------|-------------------|----------------|----------------|
| implemented | covered       | covered           | received       | utilized       |
|             |               |                   |                |                |
|             |               |                   |                |                |
|             |               |                   |                |                |

# 3.17 List of visitors KVK, Katihar

| Sl. | Name of VVIP/VIP         | Date of    | Purpose of visit | Comments in the visitor's book              |
|-----|--------------------------|------------|------------------|---|
| No. |                          | visit      |                  |   |
| 1   | Dr. K.K. Singh           | 08.04.2012 | Monitoring of    | The overall performance of KVK is very      |
|     | Director Seed & Farms    |            | KVK              | good and I personally observed that seed    |
|     | BAU, Sabour              |            |                  | crop, and other beatifications of the       |
|     |                          |            |                  | campus is very good condition               |
| 2   | Sri Tarkishor Prasad     | 14.04.2012 | Visiting         | कृषि विज्ञान केन्द्र कृषि रोड मैप् की       |
|     | MLA, Katihar             |            |                  | सफलता में सहायक सिद्ध होगा। केन्द्र की      |
|     |                          |            |                  | ्व्यवस्था पूर्व से बेहतर है। मैं उत्तरोक्तर |
|     |                          |            |                  | बेहतर कृषि अनुसंधान की कामना करता           |
|     | Dec A IZ Clarate         | 15.04.2012 |                  | قرا<br>Walana daka I XVIX 6 harana a a a l  |
| 3   | Dr. A.K. Singh           | 15.04.2012 |                  | We have visited KVK farm has very good      |
|     | Agronomist               |            |                  | setup and crops showing very good. All the  |
|     | Dr. Bhagirathi Gupta     |            |                  | form layout looking very nicely.            |
|     | Agronomist               |            |                  |   |
|     | Dr. Arvind Singh         |            |                  |   |
|     | Maize Breeder(Bayer)     |            |                  |   |
| 4   | Sri Surendra Pd. Singh   | 24.04.2012 |                  | श्रीमति सुनीता कुशवाहा अच्छा कार्य कर       |
|     | Ex DAO, Biharsarif       |            |                  | रही है।                                     |
| 5   | Sri Vimal Kumar          | 11.08.2012 |                  | Felt very good regarding vegetable          |
|     | Range Officer of forest, |            |                  | grower.                                     |
|     | Katihar                  |            |                  |   |

| 6  | Sri Pankaj Singh Bora  | 12.09.2012 |   | Thanks Dr. Sunita Kushwah & team for  |
|----|--|------------|---|---|
| 7  | Sri Sanjeev Ranjan<br>Senior Area Manager<br>IFFCO Purnia  | 19.11.2012 |   | good working आज कृषि विज्ञान केन्द्र का भ्रमण करते हुए संसा लगा कि सही मायने में कृषकों के हीत में किये जा रहे अनुसंधान कार्य का दिले तारिफ है। सम्पूर्ण व्यवस्था बहुत ही अच्छा है। |
| 8  | Sri Binod Kumar<br>MLA Pranpur Katihar   | 08.11.2012 | Inaguration of<br>60days training<br>programme of<br>Kisan Salahkar | आज कृषि विज्ञान में आयोजित कृषि<br>प्रशिक्षण शिविर में भाग लिया तथा फार्म<br>में लगे धान की फसल को देखा। सुनीता<br>कुशवाह समनव्यक् की लगन शीलता से<br>काफी प्रसन्न हुआ।             |
| 9  | Sri Ramesh Chandra<br>Upadhaya<br>Chef Advisor NHM   | 10.10.2012 |   | कृषि विज्ञान केन्द्र कटिहार किसानों के लिए<br>समर्पित संस्था है। आशा है कि यह संस्था<br>किसानों एवं महिलाओं तथा बेरोजगार<br>युवकों के लिए विशेस योगदान देगा।                        |
| 10 | Hon'ble Dr. M.L.<br>Choudhary<br>V.C. BAU, Sabour<br>Bhagalpur                                     | 03.12.12   | Visited and<br>Inagurated<br>technology<br>week.                    |   |
| 11 | Dr. R.K. Sohone<br>Director Extenson<br>Education, BAU, Sabour                                     | 03.12.12   | Visited and<br>Inagurated<br>technology<br>week.                    |   |
| 12 | Dr. Ravi Gopal Singh<br>Director Research BAU,<br>Sabour   | 15.03.13   | Monitring in<br>KVK, Katihar  |   |
| 13 | Hon'ble Sri Tarique Anwar<br>State Minister of<br>Agriculture and Food<br>processing Gov. of India | 17.03.13   | Visited and<br>participated in<br>Kisan Mela                        |   |
| 14 | Hon'ble Dr. M.L. Choudhary V.C. BAU, Sabour Bhagalpur  | 17.03.13   | KVK Visited<br>and<br>participated in<br>Kisan Mela                 |   |
| 15 | Dr. A.K. Singh ZPD Zone II, Kolkata  | 17.03.13   | Visited and<br>Inagurated<br>technology<br>week.                    |   |
| 16 | Dr. R.K. Sohone<br>Director Extenson<br>Education, BAU, Sabour                                     | 17.03.13   | Visited and<br>participate<br>technology<br>week.                   |   |
| 17 | Dr. G.K. Ashthana<br>Director Works and Plan<br>BAU, Sabour  | 17.03.13   | Visited and<br>participate<br>technology<br>week.                   |   |
| 18 | Dr. K.K. Singh<br>Director Seed<br>BAU, Sabour   | 17.03.13   | Visited and<br>participate<br>technology<br>week.                   |   |
| 19 | Dr. U.S. Jaishwal<br>Assosiate Director Extenson<br>Education, BAU, Sabour                         | 17.03.12   | Visited and<br>participate<br>technology<br>week.                   |   |
| 20 | Dr. P.K. Singh<br>Assosiate Director Research<br>Education, BAU, Sabour                            | 17.03.13   | Visited and<br>participate<br>technology<br>week.                   |   |
| 21 | Dr. V.P. Chahal<br>Principal Scientist,<br>Agril Ext, ICAR, New Delhi                              | 17.03.13   | Visited and participate technology                                  |   |

|    |  |            | week.                            |  |
|----|--|------------|----------------------------------|--|
| 22 | Dr. V.K. Gupta                                     | 17.03.12   | Visited and                      |  |
|    | Head RCM, Makhana                                  | 17.03.12   | participate                      |  |
|    | Darbhanga  |            | technology                       |  |
|    | Daibhanga  |            | week.                            |  |
| 23 | Dr. R.K. Singh                                     | 17.03.12   | Visited and                      |  |
| 25 | Sr. Scientist                                      | 17.05.12   | participate                      |  |
|    | IINRG, ICAR, Namkum                                |            | technology                       |  |
|    | Ranchi, Jharkhand                                  |            | week.                            |  |
| 24 | Dr. B.P. Singh                                     | 18.03.13   | Visited and                      | It was amazing to see the performance and  |
|    | Sr. Scientist                                      |            | participated in                  | achievement of KVK Katihar. The PC is  |
|    | IVRI, Izatnager, Barelly                           |            | Kisan Mela                       | very hard worker and has good linkage  |
|    | , 3,   |            |                                  | with farmers.  |
| 25 | Dr. R.K Pat  | 18.03.13   | Visited and                      | Very nice extinction I have seen in katihar  |
|    | Feed analyst C.P.D.O(ER)                           |            | participated in                  | for our arrangement . I ma very happy.   |
|    | BBSR-12  |            | Kisan Mela                       |  |
| 26 | Dr. Roland A.Dey                                   | 18.03.13   | Visitied and                     | I suggest the KVK's in the district should   |
|    | Senor Scientist ( Ag.Ext.)                         |            | participated in                  | focus on fodder seeds(Cowpea rice bean)  |
|    | E.R.S Of N.D.R.I                                   |            | Kisan Mela                       | multiplication of perennial grasses &  |
|    | Kalyani-Nadia                                      |            |                                  | legumes.   |
| 27 | Dr. R.K. Singh                                     | 18.03.13   | Visiting and                     | Effort made in the KVK Katihar is  |
|    | IINRG Nakkum                                       |            | participate in                   | praised work. It gave an opportunity for   |
|    | Ranchi   |            | Kisan Mela                       | excellent communication among different  |
|    |  |            | , ,                              | institutes of Govs. & NGOs   |
| 28 | श्री योगेन्द्र कुमार<br>निदेशक                     | 18.03.13   | किसान मेला में                   | किसान मेले में सभी नेशनल संस्थानों को  |
|    | ।नदशक<br>क्षेत्रीय चारा उत्पादन एवं                |            | भाग लेने हेतु।                   | एक छत के निचे इक्टज कर किसानो को<br>नविनतम सूचना कराने का माहन प्रयास                  |
|    | प्रदर्शन केन्द्र कल्याणी( प०                       |            |                                  | किसा गया। भविष्य में इसको इस स्तर से   |
|    | बंगाल)   |            |                                  | उच्च स्तर पर ले जाने हेतु प्रत्येक मेला में  |
|    | ,  |            |                                  | प्रयास करने की आवश्यक्ता है। वर्तमान में   |
|    |  |            |                                  | सिमित साधनों के अंतरगत बहुत अच्छा  |
|    |  |            |                                  | प्रयास किसा गया।   |
| 29 | Dr. K. Giridhar                                    | 18.03.2013 | Visiting and                     | Kihan Mela arrangement very good.  |
|    | Sr. Agronomy                                       |            | participate in                   | Farmers is very impressive many live   |
|    | N.I.A.N.P Bangalore                                |            | Kisan Mela                       | stock farmers question interesting.  |
| 30 | डा० शैलेश कुमार मिश्रा<br>संयुक्त निदेशक (विस्तार) | 18.03.13   | किसान मेला में<br>भाग लेने हेतु। | कृषि विज्ञान केन्द्र द्वारा आयोजित मेला एक<br>अतिविशिष्ट किस्म का शीध्र-प्रसार विस्तार |
|    | विस्तार निदेशालय कृषि                              |            | , भाग ଘର ହପି।                    | का अनुष्ठ कार्यक्रम है जिसका लाभ   |
|    | मंत्रालय भारत सरकार, नई                            |            |                                  | किसानो को वैज्ञानिकों एवं विभागीय  |
|    | दिल्ली   |            |                                  | अधिकारीयों को मिला है। आने वाले समय  |
|    |  |            |                                  | में केन्द्र सरकार द्वारा नई योजनाओं के   |
|    |  |            |                                  | इस क्षेत्र में लागु किये जाने का निर्णय  |
|    |  |            |                                  | माननीय केन्द्रीय मंत्री जी श्री तारिक  |
|    |  |            |                                  | अनवर जी द्वारा किया गया है। सदैव   |
|    |  |            |                                  | किसानों द्वारा याद किया जाएगा।   |

# 4.0 IMPACT

# 4.1. Impact of KVK activities (Not to be restricted for reporting period).

| Name of specific             | No. of       | % of adoption | Change in inc        | ome (Rs.)           |
|------------------------------|--------------|---------------|----------------------|---------------------|
| technology/skill transferred | participants |               | Before<br>(Rs./Unit) | After<br>(Rs./Unit) |
| Improved cultivars           | 958          | 42            |                      |                     |
| Seed treatment               | 1090         | 24            |                      |                     |
| Vermicompost                 | 810          | 38            |                      |                     |
| Seed production              | 115          | 6             |                      |                     |
| Fertiliser application       | 1200         | 20            |                      |                     |
| Papaya production            | 35           | 6             |                      |                     |
| Bee keeping                  | 300          | 18            |                      |                     |
| Mushroom production          | 725          | 18            |                      |                     |

- NB: Should be based on actual study, questionnaire/group discussion etc. with ex-participants.
- 4.2. Cases of large scale adoption

(Please furnish detailed information for each case)

- ⇒ Improved cultivars
- ⇒ Seed treatment
- ⇒ Bee keeping
- ⇒ Seed production
- 4.3 Details of impact analysis of KVK activities carried out during the reporting period
- 4.5 Details of innovations recorded by the KVK
  - 4.6 Details of entrepreneurship development by the KVK

#### **ENTREPRENEURSHIP DEVELOPMENT AMONG FARMERS**

> BEE- KEEPING(one box 50-60 kg)

| Famers<br>trained during<br>2012 | Start<br>beekeeping in a<br>group | Production | Investment  | Gross return | Remarks   |
|----------------------------------|-----------------------------------|------------|---|--------------|---|
| Ist year                         | 10 boxes                          | 550 k.g.   | 25000/- for<br>box<br>1000/-<br>other<br>expenses | 55000/-      | Net return –<br>20000/-                                     |
| IInd year                        | 20 boxes with 5 frame             | 1100 k.g   | 32000/-   | 110000/-     | 78000/-<br>Present rate of<br>100/-<br>Box- 400 rs<br>frame |

Vermicompost

| 10111100111     | ,001            |            |                    |                                 |
|-----------------|-----------------|------------|--------------------|---------------------------------|
| Farmers trained | Vermicompost    | Investment | Gross return       | Remarks                         |
| during 2012     | production      |            |                    |                                 |
| Ist year        | 1750 cubic feet | 30000/-    | 38000/- (9500 kg   | Net income 8000/-               |
| -               |                 |            | production @ 4rs.) | from 1 <sup>st</sup> year       |
| 11nd year       |                 |            | 45000/-( 1125      | Net income                      |
|                 |                 |            | kg@4rs)            | 45000/- in 2 <sup>nd</sup> year |

## Mushroom

| Farmers trained | Vermicompost                      | Investment   | return  | Net Return | Remarks        |
|-----------------|-----------------------------------|--|---|------------|----------------|
| during 2012     | production                        |  |   |            |                |
| daming 2012     | 1 <sup>st</sup> year (area 10*10) | 2000/- (seed /4k.g<br>Rope 2.5 k.g<br>Formalin – ½<br>liter<br>Bavistin 100 gm<br>Polythene-2. | 4200/- in 45<br>days (with 70<br>k.g.) rate 60/-<br>per k.g | 2220/-     | Sept. to April |
|                 |                                   | kg) oaster   |   |            |                |

- 4.7 Any other initiative taken by the KVK
- 4.8 Area not covered by the above or constraints or new proposal for XII plan

## **5.0 LINKAGES**

## 5.1 Functional linkage with different organizations

| Name of organization             | Nature of linkage                                      |  |  |  |  |
|----------------------------------|--|--|--|--|--|
| 1. DAO, Katihar.                 | HRD & Joint Programme Like Workshop,                   |  |  |  |  |
|                                  | Training, Demonstration, Crop Cutting , Field          |  |  |  |  |
|                                  | Day,Krishak Gosthi                                     |  |  |  |  |
| 2. DHO, Katihar.                 | krishak gosthi, field day, P.f training, seminar, etc. |  |  |  |  |
| 3. IFFCO, Katihar.               | - do -   |  |  |  |  |
| 4. Krivco, Katihar               | - do -   |  |  |  |  |
| 5. NABARD, Katihar               | - do -   |  |  |  |  |
| 6. Jute Dev. Office, Katihar.    | - do -   |  |  |  |  |
| 7. DAO, Purnea.                  | - do -   |  |  |  |  |
| 8. Sugarcane Deapertment, Purnea | - do -   |  |  |  |  |
| 10. ATMA, Katihar                | -do  |  |  |  |  |
| 11. NGO, Katihar                 | -do -  |  |  |  |  |
| 12. JDA(Jute), Purnia            | -do-   |  |  |  |  |
| 13. AIR, Purnea                  | -do-   |  |  |  |  |
| 14. ETV, Hayderabad              | -do-   |  |  |  |  |

NB The nature of linkage should be indicated in terms of joint diagnostic survey, joint implementation, participation in meeting, contribution received for infrastructural development, conducting training programmes and demonstration or any other

# 5.2 List special programmes undertaken by the KVK, which have been financed by ATMA/ Central Govt/ State Govt./NHM/NFDB/Other Agencies

| Name of the programme/scheme | Purpose of programme | Date/ Month of initiation | Funding agency | Amount (Rs.) |
|------------------------------|----------------------|---------------------------|----------------|--------------|
| NHm model nursery            | Model Nursery        | March,07                  | RAU, Pusa      | 1800000/-    |
| Assessment                   | Assessment           | March,11                  | ATMA, Katihar  | 100000/-     |
| Farm Development             | Kisan Hostel         | March,11                  | BAU, Sabour    | 200000/-     |
|                              | Pond development     | March,11                  | BAU, Sabour    | 30000/-      |
|                              | Road<br>development  | March,11                  | BAU, Sabour    | 100000/-     |
|                              | Fencing              | March,11                  | BAU, Sabour    | 300000/-     |
|                              | Soil testing lab     | March,11                  | BAU, Sabour    | 200000/-     |

## 6. PERFORMANCE OF INFRASTRUCTURE IN KVK : NA

## 6.1 Performance of demonstration units (other than instructional farm)

| QI  | Demo | Year of |      | Details of | of production | n | Amour          | nt (Rs.)     |         |
|-----|------|---------|------|------------|---------------|---|----------------|--------------|---------|
| No. | Unit | estt.   | Area | Variety    |               |   | Cost of inputs | Gross income | Remarks |
|     |      |         |      |            |               |   |                |              |         |

## 6.2 Performance of instructional farm (Crops) including seed production

| Name<br>Of the crop | Date of sowing | Date of       | Area<br>(ha) | Detail               | s of production    |       | Amou           | nt (Rs.)        | Domondo   |
|---------------------|----------------|---------------|--------------|----------------------|--------------------|-------|----------------|-----------------|-----------|
|                     |                | harvest       | Ar<br>(h     | Variety              | Type of<br>Produce | Qty.  | Cost of inputs | Gross<br>income | - Remarks |
| Cereals             |                |               |              |                      |                    |       |                |                 |           |
| Paddy               | 23.07.11       | 24.10.12      | 3            | Rajendra<br>bhagwati | Seed               | 49.99 | 38000/-        | 65903/-         |           |
|                     | 28.07.11       | 16<br>October | 1.5          | Ushar Dhan 3         | Seed               | 28    | 12000/-        | 32003/-         |           |
| \//baat             | 27.11.11       | 10.04.12      | 3.5          | HD-2733              | Seed               | 45.20 | 90000/-        | 154640/-        |           |
| Wheat               | 05.12.11       | 11.04.12      | 1            | PBW-373              | Seed               | 19.97 | 25000/-        | 57080/-         |           |
| Pulses (<br>Arhar)  | 02.07.12       | 08.04.13      | 0.5          | NDA-1                | Seed               | 7.45  | 9000/-         | 30000/-         |           |
| Moong               | 14.04.12       | 29.07.12      | 0.25         | Samrat               | Seed               | 1     | 600/-          | 3040/-          |           |
| Oilseeds            |                |               |              |                      |                    |       |                |                 |           |
| Mustard             | 11.12.12       | 26.03.12      | 0.5          | Suflam               | Seed               | 3     | 42000/-        | 11514/-         |           |
| Til                 | 16.07.12       | 16.10.13      | 0.5          | Krishna              | Seed               | 3     |                |                 |           |
| Spices & Planta     | tion crops     |               |              |                      |                    |       |                |                 |           |
|                     |                |               |              |                      |                    |       |                |                 |           |
| Floriculture        |                |               |              |                      |                    |       |                |                 |           |
| Fruits              |                |               |              |                      |                    |       |                |                 |           |
| Vegetables          |                |               |              |                      |                    |       |                |                 |           |
|                     |                |               |              |                      |                    |       |                |                 |           |
| Others (specify)    |                |               |              |                      | -                  |       |                |                 |           |
|                     |                |               |              |                      |                    |       |                |                 |           |
|                     |                |               |              |                      |                    |       |                |                 |           |

## 6.3 Performance of production Units (bio-agents / bio pesticides/ bio fertilizers etc.,) :NA

| ſ | SI. Name of the |         | 2.  | Amou           | nt (Rs.)     |         |  |
|---|-----------------|---------|-----|----------------|--------------|---------|--|
|   | No.             | Product | Qty | Cost of inputs | Gross income | Remarks |  |
| Ī |                 |         |     |                |              |         |  |
| Ī |                 |         |     |                |              |         |  |

## 6.4 Performance of instructional farm (livestock and fisheries production) :NA

|           | Name                            | Detai   | ls of production   |      | Amou           | nt (Rs.)     |         |
|-----------|---------------------------------|---------|--------------------|------|----------------|--------------|---------|
| SI.<br>No | of the animal / bird / aquatics | Breed   | Type of<br>Produce | Qty. | Cost of inputs | Gross income | Remarks |
| 1         | Birds<br>(Hen)                  | Vanraja |                    | 500  | 10000/-        | 14500/-      |         |

## 6.5 Utilization of hostel facilities:

Electrification completed Sanitation facility completed

Accommodation available (No. of beds)

| Months    | No. of trainees stayed | Trainee days (days stayed) | Reason for short fall (if any) |
|-----------|------------------------|----------------------------|--------------------------------|
| May 2012  | 30                     | 5                          |                                |
| July 2012 | 25                     | 3                          |                                |
| Nov 2012  | 30                     | 60                         |                                |
| Dec 2012  | 30                     | 60                         |                                |
| Jan 2013  | 30                     | 60                         |                                |
|           |                        |                            |                                |

(For whole of the year)

## 6.5 Utilization of staff quarters

Whether staff quarters has been incomplete ( Construction under progressive):

No of staff quarters:

Date of completion:

Occupancy

| Months | QI | QII | Q III | QIV | QV | QVI |
|--------|----|-----|-------|-----|----|-----|
|        |    |     |       |     |    |     |
|        |    |     |       |     |    |     |
|        |    |     |       |     |    |     |
|        |    |     |       |     |    |     |
|        |    |     |       |     |    |     |
|        |    |     |       |     |    |     |

## 7. FINANCIAL PERFORMANCE

## 7.1 Details of KVK Bank accounts

| Bank account        | Name of the bank | Location | Account Number |
|---------------------|------------------|----------|----------------|
| With Host Institute | SBI              | Katihar  | 10501337736    |
| With KVK            | SBI              | Katihar  | 10501342703    |

## 7.2 Utilization of funds under FLD on Oilseed (Rs. In Lakhs);NA

|                      | Released by ICAR |                 | Expenditure    |                 |  |
|----------------------|------------------|-----------------|----------------|-----------------|--|
| Item                 | Kharif<br>2011   | Rabi<br>2012-13 | Kharif<br>2011 | Rabi<br>2012-13 | Unspent balance as on 1 <sup>st</sup> April 2013 |
| Inputs               |                  |                 |                |                 |  |
| Extension activities |                  |                 |                |                 |  |
| TA/DA/POL etc.       |                  |                 |                |                 |  |
| TOTAL                |                  |                 |                |                 |  |

# 7.3 Utilization of funds under FLD on Pulses (Rs. In Lakhs);NA

|                      | Released | by ICAR | Exper  | Unspent |   |
|----------------------|----------|---------|--------|---------|---|
| Item                 | Kharif   | Rabi    | Kharif | Rabi    | balance as on<br>1 <sup>st</sup> April 2013 |
| Inputs               |          |         |        |         |   |
| Extension activities |          |         |        |         |   |
| TA/DA/POL etc.       |          |         |        |         |   |
| TOTAL                |          |         |        |         |   |

# 7.4 Utilization of funds under FLD on Cotton (Rs. In Lakhs);NA

|                      | Released | by ICAR | Exper  | Unspent |   |
|----------------------|----------|---------|--------|---------|---|
| Item                 | Kharif   | Rabi    | Kharif | Rabi    | balance as on<br>1 <sup>st</sup> April 2013 |
| Inputs               |          |         |        |         |   |
| Extension activities |          |         |        |         |   |
| TA/DA/POL etc.       |          |         |        |         |   |
| TOTAL                |          |         |        |         |   |

# 7.5 Utilization of KVK funds during the year 2009 -10

| S.<br>No. | Particulars   | Sanctioned<br>(Rs.in lakh) | Released     | Expenditure (Rs) |
|-----------|---|----------------------------|--------------|------------------|
|           | curring Contingencies                                 | (KS.III IAKII)             | (Rs.in lakh) | (KS)             |
| 1 1       | Pay & Allowances                                      |                            |              |                  |
| 2         | Traveling allowances                                  |                            |              |                  |
| 3         |   |                            |              |                  |
|           | Contingencies   |                            |              |                  |
| Α         | Stationery, telephone, postage and other expenditure  |                            |              |                  |
|           | on office running, publication of Newsletter and      |                            |              |                  |
|           | library maintenance (Purchase of News Paper &         |                            |              |                  |
| D         | Magazines)  |                            |              |                  |
| В         | POL, repair of vehicles, tractor and equipments       |                            |              |                  |
| С         | Meals/refreshment for trainees (ceiling upto          |                            |              |                  |
| _         | Rs.40/day/trainee be maintained)                      |                            |              |                  |
| D         | Training material (posters, charts, demonstration     |                            |              |                  |
|           | material including chemicals etc. required for        |                            |              |                  |
|           | conducting the training)                              |                            |              |                  |
| Ε         | Frontline demonstration except oilseeds and pulses    |                            |              |                  |
|           | (minimum of 30 demonstration in a year)               |                            |              |                  |
| F         | On farm testing (on need based, location specific and |                            |              |                  |
|           | newly generated information in the major production   |                            |              |                  |
|           | systems of the area)                                  |                            |              |                  |
| G         | Training of extension functionaries                   |                            |              |                  |
| Н         | Maintenance of buildings                              |                            |              |                  |
| 1         | Establishment of Soil, Plant & Water Testing          |                            |              |                  |
|           | Laboratory  |                            |              |                  |
| J         | Library   |                            |              |                  |
|           | TOTAL (A)   |                            |              |                  |

# Utilization of KVK funds during the year 2012 -13

| A. Recurring Contingencies   | S.<br>No. | Particulars  | Sanctioned<br>(Rs.in lakh) | Released<br>(Rs.in lakh) | Expenditure<br>(Rs) |  |  |  |  |
|--|-----------|--|----------------------------|--------------------------|---------------------|--|--|--|--|
| 1 Pay & Allowances 2 Traveling allowances 3 1.90 31.90 31.90 saved) 3 Contingencies  A Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)  B POL, repair of vehicles, tractor and equipments C Meals/refreshment for trainees (ceiling upto Rs. 40/day/trainee be maintained)  D Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)  E Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)  F On farm testing (on need based, location specific and newly generated information in the major production systems of the area)  G Training of extension functionaries  H Maintenance of buildings  J Library  TOTAL (A)  B. Non-Recurring Contingencies  1 Works 2 Equipments including SWTL & Furniture  3 Vehicle (Four wheeler/Two wheeler, please specify)  4 Library (Purchase of assets like books & journals)  TOTAL (B)  C. REVOLVING FUND |           |  |                            |                          |                     |  |  |  |  |
| 2 Traveling allowances 3 Contingencies A Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)  B POL, repair of vehicles, tractor and equipments C Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained) D Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training) E Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)  F On farm testing (on need based, location specific and newly generated information in the major production systems of the area)  G Training of extension functionaries H Maintenance of buildings Laboratory J Library  TOTAL (A)  B Non-Recurring Contingencies  1 Works 2 Equipments including SWTL & Furniture 3 Vehicle (Four wheeler/Two wheeler, please specify) 4 Library (Purchase of assets like books & journals)  TOTAL (B)  C. REVOLVING FUND  |           |  |                            |                          | 31.90(Rs. 16/-      |  |  |  |  |
| 3 Contingencies  A Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)  B POL, repair of vehicles, tractor and equipments  C Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)  D Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)  E Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)  F On farm testing (on need based, location specific and newly generated information in the major production systems of the area)  G Training of extension functionaries  H Maintenance of buildings  O.50  J Establishment of Soil, Plant & Water Testing Laboratory  J Library  TOTAL (A)  B. Non-Recurring Contingencies  1 Works  2 Equipments including SWTL & Furniture  3 Vehicle (Four wheeler/Two wheeler, please specify)  4 Library (Purchase of assets like books & journals)  TOTAL (B)  C. REVOLVING FUND   |           |  | 31.90                      | 31.90                    | saved)              |  |  |  |  |
| A Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)  B POL, repair of vehicles, tractor and equipments  C Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)  D Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)  E Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)  F On farm testing (on need based, location specific and newly generated information in the major production systems of the area)  G Training of extension functionaries  H Maintenance of buildings  J Library  TOTAL (A)  B. Non-Recurring Contingencies  1 Works  2 Equipments including SWTL & Furniture  3 Vehicle (Four wheeler/Two wheeler, please specify)  4 Library (Purchase of assets like books & journals)  TOTAL (B)  C. REVOLVING FUND   |           |  | 0.90                       | 0.90                     | 0.90                |  |  |  |  |
| on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)  B POL, repair of vehicles, tractor and equipments  C Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)  D Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)  E Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)  F On farm testing (on need based, location specific and newly generated information in the major production systems of the area)  G Training of extension functionaries  H Maintenance of buildings  O.50  J Establishment of Soil, Plant & Water Testing Laboratory  J Library  TOTAL (A)  B. Non-Recurring Contingencies  1 Works  2 Equipments including SWTL & Furniture  3 Vehicle (Four wheeler/Two wheeler, please specify)  4 Library (Purchase of assets like books & journals)  TOTAL (B)  C. REVOLVING FUND   | 3         | Contingencies                                      |                            |                          |                     |  |  |  |  |
| library maintenance (Purchase of News Paper & Magazines)  B POL, repair of vehicles, tractor and equipments  C Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)  D Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)  E Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)  F On farm testing (on need based, location specific and newly generated information in the major production systems of the area)  1.00  C Training of extension functionaries  H Maintenance of buildings  J Library  TOTAL (A)  B. Non-Recurring Contingencies  1 Works  2 Equipments including SWTL & Furniture  3 Vehicle (Four wheeler/Two wheeler, please specify)  4 Library (Purchase of assets like books & journals)  TOTAL (B)  C. REVOLVING FUND   | Α         |  |                            |                          |                     |  |  |  |  |
| Magazines)  B POL, repair of vehicles, tractor and equipments  C Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)  D Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)  E Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)  F On farm testing (on need based, location specific and newly generated information in the major production systems of the area)  G Training of extension functionaries  H Maintenance of buildings  J Library  TOTAL (A)  B. Non-Recurring Contingencies  1 Works  2 Equipments including SWTL & Furniture  3 Vehicle (Four wheeler/Two wheeler, please specify)  4 Library (Purchase of assets like books & journals)  TOTAL (B)  C. REVOLVING FUND   |           |  |                            |                          |                     |  |  |  |  |
| B POL, repair of vehicles, tractor and equipments C Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained) D Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training) 3.00 3.00 3.00  E Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)  F On farm testing (on need based, location specific and newly generated information in the major production systems of the area) 1.00 1.00 1.00  G Training of extension functionaries H Maintenance of buildings 1 Establishment of Soil, Plant & Water Testing Laboratory J Library TOTAL (A) 47.80 47.80  B. Non-Recurring Contingencies  1 Works 2 Equipments including SWTL & Furniture 3 Vehicle (Four wheeler/Two wheeler, please specify) 4 Library (Purchase of assets like books & journals) TOTAL (B)  C. REVOLVING FUND  |           |  |                            |                          |                     |  |  |  |  |
| C Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)  D Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)  E Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)  F On farm testing (on need based, location specific and newly generated information in the major production systems of the area)  G Training of extension functionaries  H Maintenance of buildings  O .50  I Establishment of Soil, Plant & Water Testing Laboratory  J Library  TOTAL (A)  B. Non-Recurring Contingencies  Works  Equipments including SWTL & Furniture  3 Vehicle (Four wheeler/Two wheeler, please specify)  4 Library (Purchase of assets like books & journals)  TOTAL (B)  C. REVOLVING FUND  |           | Magazines)   | 9.00                       | 9.00                     | 9.00                |  |  |  |  |
| Rs.40/day/trainee be maintained)  D Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)  E Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)  F On farm testing (on need based, location specific and newly generated information in the major production systems of the area)  G Training of extension functionaries  H Maintenance of buildings  O.50  I Establishment of Soil, Plant & Water Testing Laboratory  J Library  TOTAL (A)  B. Non-Recurring Contingencies  1 Works  2 Equipments including SWTL & Furniture  3 Vehicle (Four wheeler/Two wheeler, please specify)  4 Library (Purchase of assets like books & journals)  TOTAL (B)  C. REVOLVING FUND  |           |  |                            |                          |                     |  |  |  |  |
| Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)  E Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)  F On farm testing (on need based, location specific and newly generated information in the major production systems of the area)  1.00  Training of extension functionaries  H Maintenance of buildings  I Establishment of Soil, Plant & Water Testing Laboratory  J Library  TOTAL (A)  B. Non-Recurring Contingencies  Works  Equipments including SWTL & Furniture  3 Vehicle (Four wheeler/Two wheeler, please specify)  Library (Purchase of assets like books & journals)  TOTAL (B)  C. REVOLVING FUND  | С         |  |                            |                          |                     |  |  |  |  |
| material including chemicals etc. required for conducting the training)  E Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)  F On farm testing (on need based, location specific and newly generated information in the major production systems of the area)  1.00  Training of extension functionaries  H Maintenance of buildings  J Library  TOTAL (A)  B. Non-Recurring Contingencies  Works  Equipments including SWTL & Furniture  3 Vehicle (Four wheeler/Two wheeler, please specify)  Library (Purchase of assets like books & journals)  TOTAL (B)  C. REVOLVING FUND   |           |  |                            |                          |                     |  |  |  |  |
| conducting the training)  E Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)  F On farm testing (on need based, location specific and newly generated information in the major production systems of the area)  Training of extension functionaries  H Maintenance of buildings  I Establishment of Soil, Plant & Water Testing Laboratory  J Library  TOTAL (A)  B. Non-Recurring Contingencies  Works  Equipments including SWTL & Furniture  3 Vehicle (Four wheeler/Two wheeler, please specify)  Library (Purchase of assets like books & journals)  TOTAL (B)  C. REVOLVING FUND   | D         |  |                            |                          |                     |  |  |  |  |
| ## Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)  ## On farm testing (on need based, location specific and newly generated information in the major production systems of the area)  ## On farm testing (on need based, location specific and newly generated information in the major production systems of the area)  ## I.00   |           |  | 2.00                       | 2.00                     | 2.00                |  |  |  |  |
| (minimum of 30 demonstration in a year)  F On farm testing (on need based, location specific and newly generated information in the major production systems of the area)  Training of extension functionaries  H Maintenance of buildings  O.50  I Establishment of Soil, Plant & Water Testing Laboratory  J Library  TOTAL (A)  B. Non-Recurring Contingencies  Works  Equipments including SWTL & Furniture  3 Vehicle (Four wheeler/Two wheeler, please specify)  Library (Purchase of assets like books & journals)  TOTAL (B)  C. REVOLVING FUND  |           |  | 3.00                       | 3.00                     | 3.00                |  |  |  |  |
| F On farm testing (on need based, location specific and newly generated information in the major production systems of the area)  G Training of extension functionaries  H Maintenance of buildings  J Establishment of Soil, Plant & Water Testing Laboratory  J Library  TOTAL (A)  B. Non-Recurring Contingencies  Works  Equipments including SWTL & Furniture  3 Vehicle (Four wheeler/Two wheeler, please specify)  4 Library (Purchase of assets like books & journals)  TOTAL (B)  C. REVOLVING FUND   |           |  | 1.50                       | 1.50                     | 1.50                |  |  |  |  |
| newly generated information in the major production systems of the area)  G Training of extension functionaries  H Maintenance of buildings  O.50  I Establishment of Soil, Plant & Water Testing Laboratory  J Library  TOTAL (A)  B. Non-Recurring Contingencies  Works  Equipments including SWTL & Furniture  3 Vehicle (Four wheeler/Two wheeler, please specify)  Library (Purchase of assets like books & journals)  TOTAL (B)  C. REVOLVING FUND   | E         |  | 1.50                       | 1.50                     | 1.50                |  |  |  |  |
| systems of the area)  G Training of extension functionaries  H Maintenance of buildings  J Establishment of Soil, Plant & Water Testing Laboratory  J Library  TOTAL (A)  B. Non-Recurring Contingencies  Works  Equipments including SWTL & Furniture  3 Vehicle (Four wheeler/Two wheeler, please specify)  Library (Purchase of assets like books & journals)  TOTAL (B)  C. REVOLVING FUND   | ,         |  |                            |                          |                     |  |  |  |  |
| G Training of extension functionaries  H Maintenance of buildings 0.50 0.50 0.50 0.50  I Establishment of Soil, Plant & Water Testing Laboratory  J Library  TOTAL (A) 47.80 47.80  B. Non-Recurring Contingencies  Works 2 Equipments including SWTL & Furniture  3 Vehicle (Four wheeler/Two wheeler, please specify)  4 Library (Purchase of assets like books & journals)  TOTAL (B)  C. REVOLVING FUND  |           |  | 1.00                       | 1 00                     | 1.00                |  |  |  |  |
| ## Maintenance of buildings 0.50 0.50 0.50  ## Bestablishment of Soil, Plant & Water Testing Laboratory  ## Library  ## TOTAL (A) 47.80 47.80 47.80  ## B. Non-Recurring Contingencies  ## Works  ## Equipments including SWTL & Furniture  ## Vehicle (Four wheeler/Two wheeler, please specify)  ## Library (Purchase of assets like books & journals)  ## TOTAL (B)  ## C. REVOLVING FUND   | G         |  | 1.00                       | 1.00                     | 1.00                |  |  |  |  |
| I  | Н         |  | 0.50                       | 0.50                     | 0.50                |  |  |  |  |
| Laboratory  J Library  TOTAL (A) 47.80 47.80 47.80  B. Non-Recurring Contingencies  1 Works 2 Equipments including SWTL & Furniture  3 Vehicle (Four wheeler/Two wheeler, please specify)  4 Library (Purchase of assets like books & journals)  TOTAL (B)  C. REVOLVING FUND  |           |  |                            |                          |                     |  |  |  |  |
| TOTAL (A) 47.80 47.80 47.80  B. Non-Recurring Contingencies    Works   |           |  |                            |                          |                     |  |  |  |  |
| B. Non-Recurring Contingencies  1 Works 2 Equipments including SWTL & Furniture  3 Vehicle (Four wheeler/Two wheeler, please specify)  4 Library (Purchase of assets like books & journals)  TOTAL (B)  C. REVOLVING FUND  TOTAL (B)   | J         | Library  |                            |                          |                     |  |  |  |  |
| 1 Works 2 Equipments including SWTL & Furniture 3 Vehicle (Four wheeler/Two wheeler, please specify) 4 Library (Purchase of assets like books & journals) TOTAL (B)  C. REVOLVING FUND TOTAL (B)   |           | TOTAL (A)  | 47.80                      | 47.80                    | 47.80               |  |  |  |  |
| 2 Equipments including SWTL & Furniture  3 Vehicle (Four wheeler/Two wheeler, please specify)  4 Library (Purchase of assets like books & journals)  TOTAL (B)  C. REVOLVING FUND  TOTAL (B)   | B. No     | n-Recurring Contingencies                          |                            |                          |                     |  |  |  |  |
| 3 Vehicle (Four wheeler/Two wheeler, please specify) 4 Library (Purchase of assets like books & journals) TOTAL (B)  C. REVOLVING FUND TOTAL (B)   | 1         | Works  |                            |                          |                     |  |  |  |  |
| 4 Library (Purchase of assets like books & journals)  TOTAL (B)  C. REVOLVING FUND  TOTAL (B)  | 2         | Equipments including SWTL & Furniture              |                            |                          |                     |  |  |  |  |
| TOTAL (B)  C. REVOLVING FUND  TOTAL (B)  |           | Vehicle (Four wheeler/Two wheeler, please specify) |                            |                          |                     |  |  |  |  |
| C. REVOLVING FUND TOTAL (B)  | 4         |  |                            |                          |                     |  |  |  |  |
| TOTAL (B)  |           | • •  |                            |                          |                     |  |  |  |  |
|  | C. RE     | VOLVING FUND                                       |                            |                          |                     |  |  |  |  |
| Grand Total (A+B)  |           | TOTAL (B)  |                            |                          |                     |  |  |  |  |
|  |           | Grand Total (A+B)                                  |                            |                          |                     |  |  |  |  |

# 7.5 Status of revolving fund (Rs. in lakhs) for the last three years

| Year                        | Opening balance<br>as on 1 <sup>st</sup> April | Income<br>during the<br>year | Expenditure during the year | Net balance in hand as on<br>1 <sup>st</sup> April of each year (Kind<br>+ cash) |
|-----------------------------|--|------------------------------|-----------------------------|--|
| April 2010 to<br>March 2011 | 137414.49                                      | 196042.00                    | 197912.00                   | 135544.49  |
| April 2011 to<br>March 2012 | 135544.49                                      | 428018.00                    | 431734.00                   | 135544.49  |
| April 2012 to<br>March 2013 | 1233898.49                                     | 999923.00                    | 594485.00                   | 1639336.49   |

# 7.6 Any other significant achievements (provide full details with action photograph)

7.7 Number of SHGs formed by KVKs/associated with SHGs formed by other organizations.